Quality higher education in a caring and supportive learning environment.
National American University Campus Locations

Central Administration
www.national.edu
5301 S. Highway 16, Suite 200
Rapid City, SD 57701
(605) 721-5200
(605) 721-5241 (FAX)

Albuquerque
4775 Indian School Road NE, Suite 200
Albuquerque, NM 87110-3976
(505) 348-3700
(505) 348-3705 (FAX)

Austin
13801 Burnet Road, Suite 300
Austin, TX 78727
(512) 651-4700
(512) 651-4705 (FAX)

Bloomington
7801 Metro Parkway, Suite 200
Bloomington, MN 55425
(952) 356-3600
(952) 356-3605 (FAX)

Brooklyn Center
6200 Shingle Creek Pkwy, Suite 130
Brooklyn Center, MN 55430
(763) 852-7500
(763) 852-7505 (FAX)

Colorado Springs
1915 Jamboree Drive Suite 185
Colorado Springs, CO 80920
(719) 590-8300
(719) 590-8305 (FAX)

Colorado Springs South Education Center
1079 Space Center Drive
Colorado Springs, CO 80915
(719) 208-3800
(719) 208-3805 (FAX)

Denver
1325 S. Colorado Boulevard, Suite 100
Denver, CO 80222-3308
(303) 876-7100
(303) 876-7105 (FAX)

Distance Learning
www.national.edu/distance
(605) 394-4953
(800) 770-2959
(800) 209-0182 Admissions
(605) 394-5082 (FAX)

Ellsworth AFB Extension
1000 Ellsworth St., Suite 2400-B
Ellsworth AFB, SD 57706
(605) 718-6550
(605) 718-6555 (FAX)

Harold D. Buckingham Graduate School
5301 S. Highway 16, Suite 200
Rapid City, SD 57701
(800) 770-2959
(605) 721-5241 (FAX)

Independence
3620 Arrowhead Avenue
Independence, MO 64057
(816) 412-7700
(816) 412-7705 (FAX)

Lee's Summit
401 N.W. Murray Road
Lee's Summit, MO 64081
(816) 600-3900
(816) 600-3905 (FAX)

Minnetonka
10901 Red Circle Dr, Suite 150
Minnetonka, MN 55343
(952) 562-4200
(952) 562-4205 (FAX)

Overland Park
10310 Mastin
Overland Park, KS 66212-5451
(913) 981-8700
(913) 981-8705 (FAX)

Rapid City
321 Kansas City Street
Rapid City, SD 57701-3692
(605) 394-4800
(605) 394-4871 (FAX)

Rio Rancho
1601 Rio Rancho, Suite 200
Highway 528 and Sara Road
Rio Rancho, NM 87124-1903
(505) 348-3750
(505) 348-3755 (FAX)

Roseville
1550 W. Highway 36
Roseville, MN 55113-4035
(651) 855-6300
(651) 855-6305 (FAX)

Sioux Falls
Vista Park Office Building, Suite 100
2801 South Kiwanis Avenue
Sioux Falls, SD 57105-4293
(605) 336-4600
(605) 336-4605 (FAX)

Watertown Education Center
925 29th St. S.E., Suite E
Watertown, SD 57201
(605) 884-7200
(605) 884-7205 (FAX)

Wichita
7309 E 21st St. N., Suite G40
Wichita, KS 67206
(316) 681-3050
(316) 681-8174 (FAX)

Zona Rosa
7490 NW 87th Street
Kansas City, MO 64153
(816) 412-5500
(816) 412-5505 (FAX)
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GENERAL INFORMATION

MISSION STATEMENT
National American University welcomes students of diverse interests, cultures and abilities and prepares them for careers in health care, business and business-related fields by providing quality higher education in a caring and supportive environment.

The university builds learning partnerships with students and other institutions and organizations locally, nationally and internationally through its private, regionally-accredited system of campuses and education centers offering courses in traditional, accelerated and distance learning formats.

As a comprehensive technical and professional institution of higher learning, the university responds to the changing needs of students, employers, and their communities by providing undergraduate and graduate programs and continuing education opportunities to serve our evolving global society.

CORE VALUES
• Offer high quality instructional programs and services.
• Provide a caring and supportive learning environment.
• Offer technical and professional career programs.

PURPOSES
1. Offer quality technical and professional degree programs, as documented by institutional and academic assessment processes at the associate, bachelor’s and graduate level, diplomas, certificates and adult degree completion programs to traditional, adult and international learners.
2. Provide a general education program to build awareness, abilities and interests to empower lifelong learners as knowledgeable citizens of the global community.
3. Provide a collegiate experience through instructional and support services that creates a stimulating, caring and supportive learner-centered environment in which students are encouraged to achieve the educational goals established by the university.
4. Promote a learning and working environment by providing new technologies, methodologies and practices that enhance and extend quality programs and services.
5. Prepare students to provide leadership and services for the employment needs of business, industry and government worldwide.
6. Pursue communication, cooperation and alliances with educational institutions, organizations and associations on a local, regional, national and international basis.
7. Respond to the ever-changing societal demands for personal and professional development and continuing education through flexible scheduling and convenient access via traditional, accelerated and distance delivery methodologies.
8. Assist students in the development of ethical values and behaviors.
9. Foster an environment that encourages involvement by employees in the innovation and solution-seeking processes and provide an opportunity for personal and leadership development.
10. Provide a stable institutional environment where human, financial and physical resources are sufficient to accomplish its educational and institutional goals as a sound basis for continued growth and development.

Adopted by the National American University Board of Governors, January 2009

ACCREDITATION - APPROVALS - AFFILIATIONS
National American University is accredited by the Higher Learning Commission and is a member of the North Central Association of Colleges and Schools, www.ncahlc.org, (312) 263-0456.

In addition, the following National American University programs are separately accredited or approved by national educational and professional associations.

The athletic training education program is on probation with a progress report due on or before June 1, 2010, to the Commission on Accreditation of Athletic Training Education (CAATE).
National American University has received specialized accreditation for its Associate of Applied Science, Bachelor of Science, Master of Management, and Master of Business Administration degree programs in business through the International Assembly for Collegiate Business Education (IACBE), Olathe, Kansas.

The medical assisting programs offered at Albuquerque, Bloomington, Colorado Springs, Denver, Independence, Overland Park, Roseville, and Sioux Falls are accredited by the Commission on Accreditation of Allied Health Education Programs (www.caachep.org) on the recommendation of the Medical Assisting Education Review Board (MAERB). The Commission on Accreditation of Allied Health Education Programs can be contacted at 1361 Park Street, Clearwater, Florida 33756, phone (727) 210-2350, fax (727) 210-2354.

The paralegal studies program offered at the Rapid City campus is approved by the American Bar Association (ABA).

The pharmacy technician programs offered at Roseville and Sioux Falls are accredited by the American Society of Health-System Pharmacists (ASHP).

The veterinary technology program is accredited by the Committee on Veterinary Technician Education and Activities (CVTEA).

Continuing/one-year approval from July 1, 2010 to June 30, 2011 has been granted by the Kansas State Board of Nursing for the university’s Practical Nurse Diploma and Associate of Science in Nursing (ASN) Mobility program.

Full approval has been granted by the Missouri State Board of Nursing for the university’s Associate of Science in Nursing (ASN) program.

Interim approval has been granted by the Colorado Board of Nursing for the university’s Associate of Science in Nursing (ASN) program.

Program approval has been granted by the Minnesota Board of Nursing for the university’s Bachelor of Science in Nursing (BSN) program.

Interim approval has been granted by the South Dakota Board of Nursing for the university’s Bachelor of Science in Nursing (BSN) program.

Initial approval has been granted by the Kansas State Board of Nursing for the university’s Bachelor of Science in Nursing (BSN) program, including LPN Bridge to BSN.

Full approval has been granted by the South Dakota Board of Nursing for the university’s Online RN to BSN program.

The National League for Nursing Accrediting Commission (NLNAC) has granted initial accreditation for the NAU Zona Rosa, Missouri ASN program for spring 2009 through spring 2014. Information concerning NLNAC accreditation can be obtained at www.nlnac.org. Denver, Colorado ASN program is seeking NLNAC candidacy status.

The Commission on Collegiate Nursing Education (CCNE) has accepted the School of Nursing application for initial accreditation for NAU baccalaureate degree programs, including Online RN to BSN program. Acceptance of the application means that the BSN programs must proceed towards accreditation within a specific time frame www.aacn.nche.edu/CCNE/reports/rptNewApplicants.asp?sort=state#SD. CCNE has scheduled an on-site evaluation site visit in the spring 2011.

National American University is approved for veteran's training and for administering the various educational programs sponsored by state and federal agencies.

National American University is registered with the Minnesota Office of Higher Education pursuant to section 136A.61 to 136A.71. Registration is not an endorsement of the institution. Credits earned at the institution may not transfer to all other institutions.

National American University is authorized by the Tennessee Higher Education Commission. This authorization must be renewed each year and is based on an evaluation by minimum standards concerning quality of education, ethical business practices, health and safety, and fiscal responsibility.

National American University is regulated by: The Indiana Commission on Proprietary Education, 302 W Washington St., Room E201, Indianapolis, IN 46204. Toll free number: 1-800-227-5695 or (317) 232-1320.

The Lee’s Summit campus is an extension of the Independence, Missouri campus and is pending approval.

ADMISSIONS STATEMENT

National American University admits students of any age, religion, race, sex, sexual orientation, cultural background, or national and ethnic origin to all of the programs, activities, rights, and privileges generally accorded or made available to students at the university. The university does not discriminate on the basis of these characteristics in the administration of its educational policies, admissions policies, scholarship and loan programs, or other university-administered programs.
No qualified disabled person shall be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any university-related program or activity. National American University reserves the right to make changes at any time in its policies and procedures, fees, class schedules, and/or programs.

**EQUAL EDUCATIONAL OPPORTUNITY POLICY**

National American University is committed to providing equal educational and employment opportunity regardless of sex, marital status, race, color, religion, age, ancestry, national origin, disability or veteran status. Equal educational opportunity includes: recruitment and admission; access to courses and facilities; access to academic advising, placement testing, and tutoring services; financial assistance and student employment; health and insurance services; and extracurricular programs and activities.

Questions and comments concerning the university's EEO Policy may be directed to Mr. Jason Warr, System Vice President for Student Services, 5301 S. Highway 16, Suite 200, Rapid City, SD 57701, or (605) 721-5274.

**THE CATALOG**

This catalog reflects the regulations, policies, procedures, programs, and fees for National American University as of September 2010. National American University reserves the right to adopt, amend, and implement its policies and procedures as it deems appropriate and necessary. Under certain circumstances, National American University may grant exceptions to its policies and procedures in individual cases when it is determined, in the sole and absolute discretion of the university, that such action would be appropriate to further the mission and purposes of the university.

For the convenience of our university community, the undergraduate catalog has been published online. Students may access the catalog at www.national.edu or through the student portal. The most current version of the catalog will always be posted online. The university also reserves the right to correct clerical errors. Therefore, students should refer to the online version for updates, clerical corrections and other changes.

The provisions of this catalog are not to be regarded as a contract between the student and National American University.

Prospective students should contact the admissions office for information regarding any such possible changes. Currently enrolled students should consult the campus executive officer, academic dean, or other appropriate administrators.
**ACADEMIC CALENDAR 2010 - 2011**

**Fall 2010**

- **September 7**  
  Quarter Begins

- **September 13**  
  **Last day to drop or add classes without penalty**  
  (Drop/add paperwork must be submitted to the campus office by 6 p.m., September 14)

- **September 28**  
  Interim begins

- **October 4**  
  **Last day to drop or add interim classes without penalty**  
  (Drop/add paperwork must be submitted to the campus office by 6 p.m., October 5)

- **October 12**  
  End of first 5-1/2 week classes and beginning of second 5-1/2 week classes

- **October 22**  
  Last day to drop regular term classes without punitive grade

- **October 30**  
  Last day to drop Interim classes without punitive grade

- **November 11**  
  Veteran’s Day Holiday (observed) - No classes

- **November 13**  
  Make-up date for Veteran’s Day Holiday

- **November 16-22**  
  Final Exams

- **November 22**  
  Quarter Ends

- **November 23-30**  
  Quarter Break

**Winter 2010-2011**

- **December 1**  
  Quarter Begins

- **December 7**

- **December 22-January 3**  
  Winter Break

- **January 4**  
  Classes Resume

- **January 4**  
  Interim Begins

- **January 10**  
  **Last day to drop or add interim classes without penalty**  
  (Drop/add paperwork must be submitted to the campus office by 6 p.m., January 11)

- **January 15**  
  Make-up date for Martin Luther King Jr. Day for first 5-1/2 week classes

- **January 17**  
  Martin Luther King Jr. Holiday – No classes

- **January 19**  
  End of first 5-1/2 week classes and beginning of second 5-1/2 week classes

- **January 22**  
  Make up date for Martin Luther King Jr. Day full term and second 5-1/2 week classes

- **January 28**  
  Last day to drop regular term classes without punitive grade

- **February 5**  
  Last day to drop Interim classes without punitive grade

- **February 22-28**  
  Final Exams

- **February 28**  
  Quarter Ends

- **March 1-8**  
  Winter/Spring Quarter Break

**Spring 2011**

- **March 9**  
  Quarter Begins

- **March 15**

- **March 30**  
  Interim Begins

- **April 5**  
  **Last day to drop or add interim classes without penalty**  
  (Drop/Add paperwork must be submitted to the campus office by 6 p.m., April 6)

- **April 13**  
  End of first 5-1/2 week classes and beginning of second 5-1/2 week classes

- **April 22**  
  Good Friday Holiday – No classes

- **April 23**  
  Last day to drop regular term classes without punitive grade

- **April 30**  
  Make-up date for Good Friday Holiday

- **May 1**  
  Last day to drop Interim classes without punitive grade

- **May 18-24**  
  Final Exams
May 24                  Quarter Ends
May 25-June 5          Spring/Summer Quarter Break

**Summer 2011**

June 6                  Quarter Begins
June 12                 **Last day to drop or add classes without penalty**
                        (Drop/add paperwork must be submitted to the campus office by 6 p.m., June 13)
June 27                 Interim Begins
July 3                  **Last day to drop or add interim classes without penalty**
                        (Drop/Add paperwork must be submitted to the campus office by 6 p.m., July 5)
July 4                  July 4th Holiday (Observed) – No classes
July 9                  Make-up date for 4th of July Holiday
July 11                 End of first 5-1/2 week classes and beginning of second 5-1/2 week classes
July 21                 Last day to drop regular term classes without punitive grade
July 29                 Last day to drop Interim classes without punitive grade
August 15-21           Final Exams
August 21               Quarter Ends
August 22-September 5   Quarter Break

**Fall 2011**

September 6            Quarter Begins
September 12           **Last day to drop or add classes without penalty**
                        (Drop/add paperwork must be submitted to the campus office by 6 p.m., September 13)
September 27           Interim Begins
October 3               **Last day to drop or add interim classes without penalty**
                        (Drop/add paperwork must be submitted to the campus office by 6 p.m., October 4)
October 11             End of first 5-1/2 week classes and beginning of second 5-1/2 week classes
October 21             Last day to drop regular term classes without punitive grade
October 29             Last day to drop Interim classes without punitive grade
November 11            Veteran's Day Holiday - No classes
November 12            Make-up date for Veteran’s Day Holiday
November 15-21         Final Exams
November 21            Quarter Ends
November 22-29         Quarter Break
HISTORY

National American University (NAU) has been a cornerstone of higher education in western South Dakota since its humble beginnings in 1941. Originally known as National School of Business, the institution first opened its doors in downtown Rapid City with offerings in specialized business training that centered primarily on its secretarial and accounting programs.

Anticipating a post-war demand for business education, the college’s administrators designed a business administration curriculum that featured new classes in accounting, marketing, and management. When the demand finally came, the institution was ready with programs geared toward the educational needs of returning veterans, men and women who wanted business training and sought an expanded role in the developing business world.

It was in late 1960 that the university, now nearly two decades old and growing rapidly, moved its operations to its new facilities at 321 Kansas City Street in downtown Rapid City, where it remains today. The expanded campus location included a new two-story brick building that housed classrooms, administrative offices, the library, and the university bookstore. Three years later, construction of the new student residence hall was completed, which resulted in a significant influx of students from outside of the South Dakota region. Students arrived from all corners of the United States, and from all around the world, creating a vibrant student population that was diverse and energized.

With the dramatic increase in student enrollment, the number of faculty and staff increased as well. As National American University’s stature in the educational community grew, the university soon expanded its base of programs, as well as its campus facilities. Throughout the late 1960’s and the early 1970’s, the university added several new buildings, including a library and a full sized gymnasium, as well as additions to the classroom/administration building and the student residence hall.

In 1996 NAU began to develop online courses to be offered through the emerging resource of the World Wide Web. Since that time, the university’s distance learning program has created a thriving virtual campus offering degree programs in a number of academic areas. With the addition of online course offerings and degrees, National American University students have access to learning 24 hours a day from anywhere the Internet can be accessed.

In May of 1997, the university changed its name from National College to its current name of National American University to reflect its standing as a multi-campus institution offering postgraduate programs. Today National American University continues to offer quality business-related degree programs to students from all walks of life through its affiliations with colleges and universities throughout the United States and from around the world. NAU offers a Master in Business Administration program as well as a Master in Management program for students wishing to extend their education beyond a bachelor’s degree. The university has also expanded its program offering to include allied health and nursing programs.

For more than 65 years, National American University has been a recognized leader in academic excellence. Students from all over the globe are enrolled in NAU’s master’s, bachelor’s and associate degree programs. With dedicated staff and faculty guiding these students to their ultimate goals, it is easy to recognize that from National School of Business in 1941 through National American University in 2010, the university has experienced a dramatic evolution as an academic institution.

CAMPUS LOCATIONS

Albuquerque

4775 Indian School Road NE, Suite 200
Albuquerque, NM 87110-3976
(505) 348-3700
(505) 348-3705 (FAX)

National American University’s Albuquerque campus is conveniently located in the heart of the Albuquerque metro area. The Albuquerque campus has been serving students in the central New Mexico area since 1975, and has long been considered one of NAU’s flagship campus locations. In addition to its strong business and information technology curriculum, the Albuquerque campus offers excellent degree programs in medical assisting, medical administrative assistant, and healthcare management. Located at the intersection of San Mateo and Indian School Road, the campus is convenient to Interstate I 40 East and the Uptown Area.

Austin

13801 Burnet Road
Suite 300
Austin, TX 78727
(512) 651-4700
(512) 651-4705 (FAX)

National American University’s Austin campus is conveniently located in the heart of the Austin metro area with easy access from North Mo Pac, I-35 and MetroRail. Established in 2007, the Austin campus offers excellent degree programs in business, information technology and allied health. Our faculty and staff are committed to providing higher education in a caring and supportive environment.

Bloomington

7801 Metro Parkway, Suite 200
Bloomington, MN 55425
(952) 356-3600
(952) 356-3605 (FAX)

National American University’s Bloomington campus is conveniently located across from the Mall of America. The Bloomington campus has been serving students in the Twin Cities area since 1997, and is a perfect location for students
who want the convenience of shopping, transportation, jobs and entertainment. In addition to its strong business and information technology curriculum, the Bloomington campus offers excellent degree programs in medical assisting, paralegal studies, therapeutic massage, and pharmacy technician. Located in the Metro Office Park, directly across from Minneapolis St. Paul International airport, the Bloomington campus is easily accessible from Interstate 494 and Highway 77. It is one of three convenient NAU campuses in the Twin Cities area.

Brooklyn Center
6200 Shingle Creek Pkwy, Suite 130
Brooklyn Center, MN 55430-4100
(763) 852-7500
(763) 852-7505 (FAX)

National American University’s Brooklyn Center campus is conveniently located in the heart of Minneapolis. The Brooklyn Center campus has been serving students in the Twin Cities area since 2000, and is considered one of NAU’s best campus locations. In addition to its strong business and information technology curriculum, the Brooklyn Center campus offers excellent degree programs in medical assisting, medical administrative assistant, and pharmacy technician. Located in the Brookdale Corporate Center, the Brooklyn Center campus is easily accessible from Interstate 694 and Highway100. It is one of four convenient NAU campuses in the Twin Cities area.

Colorado Springs
1915 Jamboree Drive Suite 185
Colorado Springs, CO 80920
(719) 590-8300
(719) 590-8305 (FAX)

National American University’s Colorado Springs campus is conveniently located in the heart of Colorado Springs. The Colorado Springs campus has been serving students in the southern Colorado area since 1974, and has long been considered one of NAU’s flagship campus locations. In addition to its strong business and information technology curriculum, the Colorado Springs campus offers excellent medical degree programs in medical assisting, medical administrative assistant, medical staff services, RN foundation courses, and healthcare management. Located at 1915 Jamboree Drive, Suite 185, at the intersection of Chapel Hills Drive and Jamboree Drive, the Colorado Springs campus is easily accessible from Interstate 25 or Academy Blvd., and is convenient to downtown as well as all suburban areas and military bases.

Colorado Springs South Education Center
1079 Space Center Drive
Colorado Springs, CO 80915
(719) 208-3800
(719) 208-3805 (FAX)

National American University’s Colorado Springs South Education Center is conveniently located to all military installations and communities within Colorado Springs. The Colorado Springs South Education Center offers the opportunity to take classes on campus or online and provides students with the one-on-one support necessary to their success. The Colorado Springs South Education Center offers a variety of degree programs designed to help students achieve their goals and further their professional career. Located at the intersection of Powers Boulevard and Galley Road, the education center is convenient to the Security, Widefield and Fountain communities.

Denver
1325 S. Colorado Boulevard, Suite 100
Denver, CO 80222-3308
(303) 876-7100
(303) 876-7105 (FAX)

National American University’s Denver campus is conveniently located in the heart of the Denver metro area. The Denver campus has been serving students in the central Colorado area since 1974, and has long been considered one of NAU’s flagship campus locations. In addition to its strong business and information technology curriculum, the Denver campus offers an Associate of Science in Nursing degree which is taught at the campus with state-of-the-art equipment where students practice hands-on learning. Located at the intersection of Colorado Boulevard and Interstate 25, the campus is convenient to downtown, Cherry Creek, and the Denver Tech Center.

Distance Learning
www.national.edu
(605) 394-4953
(800) 770-2959 General Information
(800) 209-0182 Admissions
(605) 394-5082 (FAX)

NAU’s distance learning program provides online courses and degree options to students across the United States as well as internationally. Students access classes and extensive campus resources anytime, anywhere through National American University’s student portal. Online courses are asynchronous with courses designed with the latest navigation software. Some courses contain asynchronous interactive enhancement features to allow students to interact with faculty and other students in a real-time classroom environment. The university offers students an array of learner services to support their academic endeavors such as the electronic Learning Resource...
Center services, tutoring services, counseling services, help desk support, and other support services.

Ellsworth Air Force Base Extension
1000 Ellsworth St., Suite 2400-B
Ellsworth AFB, SD 57706
(605) 718-6550
(605) 718-6555 (FAX)

National American University’s Ellsworth campus is conveniently located in the heart of Ellsworth Air Force Base in western South Dakota. Since 1974, the Ellsworth campus has been serving active duty, reserve, National Guard, and retired military personnel, as well as military families, veterans receiving VA benefits, DOD employees and their dependents, base contractors, and residents of nearby Box Elder. NAU’s Ellsworth campus offers Bachelor of Science and Associate of Applied Science degree programs and classes that meet the Community College of the Air Force (CCAF) requirements for oral communications, written communications, humanities, math, and social science. The Ellsworth campus is located in the Rushmore Center at 1000 Ellsworth Street.

Independence
3620 Arrowhead Avenue
Independence, MO 64057
(816) 412-7700
(816) 412-7705 (FAX)

National American University’s Independence campus is conveniently located on the busy east side of the Kansas City metro area. The Independence campus has been serving students in the western Missouri area since 1990, and has long been considered one of NAU’s flagship campus locations. It is one of three NAU campuses in the Kansas City metro area. In addition to its strong business and information technology curriculum, the Independence campus offers excellent degree programs in athletic training, veterinary technology, and paralegal/pre-law studies. Humanities, math, and social science. The Independence campus is easily accessible from Interstate 70 and Highway 291 just north of the Independence Center. The area is a restaurant and shopping destination due to its proximity to downtown and all suburban areas.

Lee’s Summit Education Center
401 N.W. Murray Road
Lee’s Summit, MO 64081
(816) 600-3900
(816) 600-3905 (FAX)

National American University’s Lee’s Summit Education Center is conveniently located in the heart of the Kansas City metro area. The Lee’s Summit Education Center has been serving students in the Kansas City area since October of 2009; it is considered one of NAU’s blended model Education Center locations. In addition to its strong Business curriculum, the Lee’s Summit Education Center offers excellent degree programs in Medical Assisting and I.T. Located on N.W. Murray Road between Chipman Avenue and Third street the campus is convenient to 50 Highway and 470.

Minnetonka

10901 Red Circle Dr. Suite 150
Minnetonka, MN 55343
(952) 562-4200
(952) 562-4205 (FAX)

National American University’s Minnetonka Education Center is conveniently located in the southwest region of the Twin Cities offers. The Minnetonka Education Center offers blended academic programs to students in the Twin Cities area and has been serving students since the summer of 2009. In addition to its strong business and information technology curriculum, the Minnetonka Education Center offers excellent degree programs in accounting, criminal justice, and the healthcare field. The flexibility and convenience of participating in online and on-site classes allows students to earn their degree while maintaining busy lifestyles. The Minnetonka Education Center is easily accessible from Interstate 494, Highway’s 169, 62, and 100.

Overland Park

10310 Mastin
Overland Park, KS 66212-5451
(913) 981-8700
(913) 981-8705 (FAX)

National American University’s Overland Park campus is conveniently located just 15 minutes from downtown Kansas City. The Overland Park campus has been serving students in western Missouri and eastern Kansas since 2001, and is one of three NAU campuses in the Kansas City metro area. In addition to its strong business and information technology curriculum, the Overland Park campus offers two exciting nursing programs; an associate of science 1+1 nursing program and a practical nurse diploma 1+1 nursing program. Located at 103rd Street and Highway 69 just north of the Corporate Woods area, the Overland Park campus is easily accessible from Highway 69 and Interstate 435.

Rapid City

321 Kansas City Street
Rapid City, SD 57701-3692
(605) 394-4800
(605) 394-4871 (FAX)

National American University’s Rapid City campus is conveniently located in downtown Rapid City, SD. The Rapid City campus has been serving students in the western South Dakota area since 1941, and is still considered NAU’s home campus. In addition to its strong business and information technology curriculum, the Rapid City campus offers excellent degree programs in athletic training, veterinary technology, and paralegal/pre-law studies. A tourism and hospitality management emphasis program is unique to the campus.
Located at 321 Kansas City Street, the Rapid City campus is easily accessible from just about anywhere in the Rapid City area, and is convenient to Interstate 90, Highway 16, and Highway 79.

Río Rancho
1601 Rio Rancho, Suite 200
Highway 528 and Sara Road
Rio Rancho, NM 87124-1093
(505) 348-3750
(505) 348-3755 (FAX)

National American University’s Río Rancho campus is conveniently located on the growing west side of the Albuquerque metro area. The Río Rancho campus has been serving students in the Río Rancho area since 1997, and it is one of two NAU campuses located in the New Mexico region. In addition to its strong business and information technology curriculum, the Río Rancho campus offers excellent degree programs in the healthcare fields. Located on the second floor of the Sandia Area Federal Credit Union, directly across the street from Intel, the Río Rancho campus is easily accessible from Interstate 25 and Paseo Del Norte Highway, as well as Alameda and Rt. 528.

Roseville
1550 W. Highway 36
Roseville, MN 55113-4035
(651) 855-6300
(651) 855-6305 (FAX)

National American University’s Roseville campus is conveniently located near the Rosedale Shopping Center. The Roseville campus has been serving students in the Minneapolis area since 1974, and has long been considered one of NAU’s flagship campus locations. In addition to its strong business and information technology curriculum, the Roseville campus offers excellent degree programs in medical assisting, paralegal studies, therapeutic massage, and pharmacy technician. Located north of Har Mar Mall, the Roseville campus is easily accessible from Highway 36 and Snelling Avenue. It is the first of three convenient NAU campuses in the Twin Cities area.

Sioux Falls
Vista Park Office Building, Suite 100
2801 South Kiwanis Avenue
Sioux Falls, SD 57105-4293
(605) 336-4600
(605) 336-4605 (FAX)

National American University’s Sioux Falls campus is conveniently located in the southwest part of the Sioux Falls area. The Sioux Falls campus has been serving students in eastern South Dakota since 1974, and is considered one of NAU’s most successful campus locations. In addition to its strong business and information technology curriculum, the Sioux Falls campus offers excellent degree programs in paralegal studies along with three allied health programs: therapeutic massage, medical assisting, and pharmacy technician. Located at the intersection of Interstates 90 and 29, the Sioux Falls campus is easily accessible from just about anywhere through nearby major traffic arteries and the city’s bus service.

Watertown Education Center
925 29th Street S.E., Suite E
Watertown, SD 57201
(605) 884-7200
(605) 884-7205 (FAX)

National American University’s Watertown Education Center offers blended academic programs to students in Watertown and the surrounding region. The Watertown Education Center has been serving students in northeastern South Dakota since fall 2006. The flexibility and convenience of participating in online and on-site classes allows students to earn their degree while maintaining busy lifestyles. Whether you need to complete your degree or you’re just getting started, NAU has a program that fits your needs. NAU is conveniently located on Highway 212 near Interstate 29. In addition to its strong business and information technology curriculum, the Watertown location offers excellent degree programs in accounting, criminal justice, and healthcare management.

Wichita
7309 E 21st St. N., Suite G40
Wichita, KS 67206
(316) 681-3050
(316) 681-8174 (FAX)

National American University’s Wichita campus is conveniently located in northeast Wichita and has been serving students in the area since 2007. The Wichita campus offers the convenience of on-ground classes, online classes, or a combination of both. Students can pursue associate or bachelor’s degrees in a wide variety of programs. Located on East 21st Street North between Rock Road and Woodlawn, the Wichita campus is easily accessible from all areas of Wichita and the surrounding communities.

Zona Rosa
7490 NW 87th Street
Kansas City, MO 64153
(816) 412-5500
(816) 412-5505 (FAX)

National American University’s Zona Rosa campus is conveniently located in the newly developed Zona Rosa outdoor shopping center in the northland region of Kansas City. The Zona Rosa campus has been serving students in western Missouri since 2005, and is the northern most campus of four NAU locations in the KC metro area. In addition to its strong business, information technology, and allied health curriculum, the Zona Rosa campus offers an Associate of Science in Nursing degree which is taught in a state-of-the-art
facility where students practice hands-on learning. Located at Interstate 29 and Barry Road, approximately four miles from the Kansas City International Airport, the Zona Rosa campus is easily accessible from all major traffic arteries and the city’s bus service.
ADMISSIONS

It is recommended that applicants and their families visit National American University so that they may become acquainted with the personnel and facilities of the university. A personal interview should be scheduled with a member of the admissions staff. The applicant should call or write the director of admissions in advance so that necessary arrangements can be made. See international student admission requirements on page 13. See online student admission requirements on page 14.

ADMISSION REQUIREMENTS

Regular Admission
For admission to one or more of National American University’s diploma or undergraduate degree programs, students must:
1. complete and submit a Student Application for Admission (Go to http://www.national.edu); and
2. pay a nonrefundable application fee of $25 at the time of application; and
3. have graduated from a recognized high school (or the Department of Education-accepted equivalent); or
4. submit an official transcript from an accredited U.S. higher education institution indicating completion of a post-secondary education program of at least two years in length with a minimum cumulative grade point average of 2.0. The official transcript request must be completed during the application process for university approval during the first term of attendance.

NOTE: Students who received their secondary education outside the United States, United States territories, or Department of Defense-recognized U.S. high schools located on military bases outside the territorial United States must:
1. complete and submit a Student Application for Admission (Go to http://www.national.edu); and
2. pay a nonrefundable application fee of $25 at the time of application; and
3. provide evidence of secondary-level education completion and any postsecondary education completion by submitting one or more of the following document(s) during the first term of attendance for university approval prior to the end of the first term:
   a. an official document evidencing completion of the equivalent of a U.S. high school education. (Go to International Undergraduate Student Admissions at http://www.national.edu for further details on country-specific equivalencies of U.S. high school education.) International documentation may include an official academic transcript or marks sheet and/or examination results. (Diplomas or certificates of government examinations must show the academic subjects passed and grades/marks received. All records should be submitted in the original language, and credentials written in languages other than English must be accompanied by a certified English translation. Translations should be literal and not interpretive. A key to the marking system or grading scale should also be included if it is not indicated on the transcript.); or
   b. an official transcript that indicates completion of a post-secondary program of at least two years in length with a minimum cumulative grade point average of 2.0/4.0 or the equivalent from (i) an international higher education institution that is approved by the country’s national ministry of education or appropriate approval body or (ii) an accredited U.S. higher education institution. (Transcripts should show marks and credits earned for all post-secondary work. All records should be submitted in the native language, and credentials written in languages other than English must be accompanied by a certified English translation. Translations should be literal and not interpretive. A key to the marking system or grading scale should also be included if it is not indicated on the transcript.)

In addition to the above-listed requirements, National American University requires all non-native English speaking students to demonstrate sufficient command of the English language necessary to succeed in college-level classes taught in English. The English proficiency requirement can be satisfied through one of the following before attending any course at the university. Students must:
1. provide an official Test of English as a Foreign Language (TOEFL) score report indicating a minimum score of 500 for a paper-based, 173 for a computer-based or 61 for an Internet-based exam. (The TOEFL must have been taken within the past two calendar years. Official test scores must be sent from the testing agency to National American University. When ordering TOEFL test results, include the university’s school code of 6464.); or
2. provide an official International English Language Testing System (IELTS) score report with an overall minimum score of 5. (The IELTS must have been taken within the past two calendar years. Official test scores must be sent from the testing agency to National American University.); or
3. provide evidence of completion of two semesters (or the equivalent) of college-level English (excluding ESL courses) with a grade of “C” or higher at an accredited college or university whose language of instruction is English; or
Admissions

4. provide evidence of English language proficiency by completing the English assessment exam, Accuplacer ESL, with minimum scores in the following categories:
   • reading skills of 102 or higher
   • sentence meaning of 100 or higher
   • language usage of 95 or higher
   • writing sample of 5 or higher

Additional documentation in support of an application under this provision may be requested as deemed necessary by National American University. The university reserves the right to reject documentation or to request verification of documentation as may be necessary. Admissions documentation is considered the property of the university and will not be returned to the applicant (some exceptions may apply). The university reserves the right to reject any submitted application for enrollment.

Full-time Students
Students who enroll for 12 or more credit hours per quarter are considered to be full-time.

Part-time Students
If a student chooses not to attend full-time, a schedule may be arranged for one or more courses. Credits earned may be applied to degree or diploma programs.

Special Students
A special student is one who is not enrolled in a diploma or degree program. Special students are generally not eligible for federal financial aid. However, alternative loan programs may be available. Contact National American University Financial Aid offices for more information.

Transfer Students
Students who have successfully completed course work at other accredited post-secondary institutions may apply for admission to National American University. University policies on transfer credits, residency requirements, and other admissions requirements are outlined in this catalog.

ACADEMIC SUCCESS APPRAISAL
The purposes of the academic success appraisal are to:
1. encourage academic success and degree completion.
2. identify existing knowledge and skills in both sentence skills and mathematics.
3. provide students with feedback about their basic skills.
4. aid in appropriate course placement in English or mathematics and advise the student if precollege studies are needed.
5. recommend a course of study in which the student may reasonably expect to achieve academic success.

As an open-enrollment institution, NAU requires all diploma and degree-seeking students to complete academic success appraisals at the time of enrollment or provide evidence of successfully completed college-level English and mathematics courses or equivalent. Course completion or equivalents are defined as follows:

1. A student has successfully completed college-level algebra and/or composition ("C" grade or above) and has submitted a copy of a college transcript as documentation.
2. A student has successfully completed the CLEP English Composition with Essay, Freshman College Composition and/or College Algebra examination with a passing score, as defined by the CLEP program, and has submitted a copy of the official CLEP transcript as documentation.
3. A student has successfully completed the equivalent Advanced Placement (AP) English and/or mathematics examinations with a score of 3 or above and has submitted a copy of the official AP transcript as documentation.

AUSTIN STUDENTS
Upon the admission of a student to any undergraduate program, National American University shall document the student’s level of preparation to undertake college level work by assessing the academic skills of each entering student.

Students residing in the state of Texas and seeking enrollment with NAU fulfill the Texas Success Initiative if they meet one of the following exemptions/exceptions:

Other Assessments
• ACT – must have taken the test within five years and have a composite score of 23 with a minimum of 19 on the English test
• SAT – must have taken the test within five years and have a combined verbal and mathematics score of 1070 with a minimum of 500 on the verbal and/or math
• TAAS – must have taken the test within three years and have a minimum score of 1770 on the writing test, a TLI of 86 on math and 89 on reading
• TAKS – must have taken the test within three years and have a minimum scale score of 2200 on math and/or minimum scale score of 2200 on English Language Arts with a writing subsection score of at least 3

Transfers
• a student who has graduated with an associate or bachelor’s degree from an institution of higher education.
• a student who transfers to an institution from a private or independent institution of higher education or an accredited out-of-state institution of higher education and who has satisfactorily completed college-level course work as determined by the receiving institution
• a student who has previously attended any institution and has been determined to have met readiness standards by that institution
• a student who is enrolled in a certificate program of one year or less (Level-One certificates, 42 or fewer semester credit hours or the equivalent) at a public junior college, a public technical institute, or a public state college

Military
• a student who is serving on active duty as a member of the armed forces of the United States, the Texas National Guard, or as a member of a reserve component of the
armed forces of the United States and has been serving for at least three years preceding enrollment.

- a student who, on or after August 1, 1990, was honorably discharged, retired, or released from active duty as a member of the armed forces of the United States, the Texas National Guard, or service as a member of a reserve component of the armed forces of the United States

Non-degree-seeking
An institution may exempt a non-degree-seeking or non-certificate-seeking student.

BACKGROUND CLEARANCE
National American University offers a number of academic programs that may ultimately lead to certification and/or licensure in any given field. In that regard, governing/regulatory agencies or bodies may require the demonstration of a criminal background clearance prior to granting such certification and/or licensure. It is incumbent upon students to verify whether a specific criminal background clearance is required in their field of study prior to beginning course work. Upon request, university personnel will assist students with contacting the proper agencies or authorities in making this determination.

FALSIFICATION OF EDUCATIONAL RECORDS
Falsifying, altering, or misrepresenting a transcript, grade report, diploma or any other material relevant to admission, enrollment or academic performance shall be considered an overt act of academic dishonesty. This action shall result in denial of admission or enrollment into National American University, or permanent suspension from continuing as a student with the university.

FINANCES
Students who are out-of-state residents pay the same tuition, fees and residence hall charges as in-state students. All charges are due and payable on the first day of each new quarter. Advance payment by mail or other means is advised. Financial aid is available for those students who qualify. Tuition, fees and residence hall charges are subject to change without notice. Drafts and checks should be made payable to National American University.

INSTRUCTIONS FOR APPLYING FOR ADMISSION
To apply for admission, an application for admission form must be completed and mailed or personally delivered to an admissions representative or the director of admissions. Application materials may be obtained and arrangements may be made for visiting the university through the admissions office. The address and phone numbers for each campus are listed on pages 7 - 12 of this catalog.

The application for admission form must be submitted along with a $25 application fee. If the applicant is not accepted, the application fee is refunded. Early application is to the student's advantage if university housing (Rapid City location), financial aid, and/or part-time employment are desired.

INTERNATIONAL STUDENTS
National American University encourages diversity within its student body, and international students from many countries study at National American University campuses in the United States. An international student is a student who is not a citizen of, nor a permanent resident of, nor a refugee in, the United States of America.

Admission Requirements
International student applicants who wish to study in the National American University undergraduate program at a campus in the United States must:

1. complete and submit an International Student Application for Admission (See http://www.national.edu/InternationalStudents/Pages/IntlUnergraduateAdmission.aspx);

2. pay a one time, non-refundable application fee of $45 US at the time of application (The fee requirement may be waived for students from higher education institutions which have an affiliation agreement.);

3. provide evidence of secondary and/or post-secondary education completion through one of the following requirements:
   a. an official academic transcript or marks sheets from previous secondary education institutions attended (Diplomas or certificates of government examinations must show the subjects passed and grades/marks received. All records should be submitted in the original language, and credentials written in languages other than English must be accompanied by a certified English translation. Translations should be literal and not interpretive. A key to the marking system or grading scale should also be included if it is not indicated on the transcript.); or
   b. an official transcript that indicates completion of a post-secondary program of at least two years in length with a minimum cumulative grade point average of 2.0/4.0 or the equivalent from (i) an international higher education institution that is approved by the country’s national ministry of education or appropriate approval body or (ii) an accredited U.S. higher education institution (Transcripts should show marks and credits earned for all post-secondary work. All records should be submitted in the native language, and credentials written in languages other than English must be accompanied by a certified English translation. Translations should be literal and not interpretive. A key to the marking system or grading scale should also be included if it is not indicated on the transcript.); or
c. an original General Educational Development (GED) examination report demonstrating passing marks for the overall examination.

4. demonstrate proficiency in English through satisfaction of one of the following requirements:

a. Provide an official Test of English as a Foreign Language (TOEFL) score report indicating a minimum score of 500 for a paper-based, 173 for a computer-based, or 61 for an Internet-based exam. (The TOEFL must have been taken within the past two calendar years. Official test scores must be sent from the testing agency to National American University. When ordering TOEFL test results, include the university’s school code of 6464); or

b. Provide an official International English Language Testing System (IELTS) score report with an overall minimum score of 5 (The IELTS must have been taken within the past two calendar years. Official test scores must be sent from the testing agency to National American University.); or

c. Provide evidence of completion of two semesters (or equivalent) of college-level English (excluding ESL courses) with a grade of "C" or higher at an accredited college or university whose language of instruction is English; or

d. provide evidence of English language proficiency by completing the English assessment exam, Accuplacer ESL, with minimum scores in the following categories:
   • reading skills of 102 or higher
   • sentence meaning of 100 or higher
   • language usage of 95 or higher
   • writing sample of 5 or higher

5. complete and submit the International Financial Certification form and attach an original bank statement. International students are required, as part of the application process, to show evidence of sufficient funding during their studies. The amount and source of funds are also shown on the Certificate of Eligibility (Form I-20) needed to apply for an F-1 student visa. In addition, students planning to bring a spouse and/or children are required to show additional funds for those individuals.

Students requesting the Certificate of Eligibility (Form I-20) to apply for an F-1 visa to enter the U.S. to attend National American University must fulfill all listed international admissions requirements. Upon acceptance by and approval from the university, Form I-20 will be issued to eligible students.

Transfer students will be additionally required to submit official transcripts from previously attended colleges and universities as well as information concerning proof of current status with the United States Citizenship and Immigration Services (USCIS) for the issuance of Form I-20.

Additional documentation in support of an applicant’s candidacy may be requested as deemed necessary by National American University. The university reserves the right to reject documentation and to request verification of documents as necessary. Admissions documentation will be considered the property of the university and will not be returned to the applicant (some exceptions may apply). National American University reserves the right to reject any and all student applicants.

Financial Aid
Government-sponsored or subsidized programs are generally not available to international students. International students should consult their country’s consul or ambassador for educational benefits sponsored by their home country, or obtain a private sponsor.

New International Students
New international students may participate in new student orientation during the first week of each quarter. Students will receive information about academic issues, as well as an orientation to the campus and the local area.

MINNESOTA STUDENTS
Under Minnesota law, students need to submit a complete immunization record or meet one of the legal exemptions before being admitted to NAU. Students are exempt if they graduated from a Minnesota high school in 1997 or later, were previously enrolled in another college in Minnesota, or were born before 1956. Other exemptions include religious or philosophical objections to being immunized, in which the student needs to submit a notarized statement of his/her beliefs, or if the student has already had one of the diseases covered in the state immunization requirement. A doctor may sign an exemption if the student has another medical reason, for example, immune to the disease or currently pregnant. Please see an admissions representative for further details.

ONLINE STUDENTS
To apply for admission to online courses, an online application must be completed. The online application is found on the university’s student Web portal at the following address: http://apply.national.edu/. Registration for online courses is also accomplished by accessing the university’s student Web portal at: https://mycampus.national.edu/.

SOUTH DAKOTA STUDENTS
Under South Dakota law, students (born after 1956) who are entering a postsecondary institution in South Dakota for the first time after July 1, 2008, must submit, within 45 days after the start of classes, certification from a licensed physician that the student has received or is in the process of receiving the required two doses of immunization against measles, rubella, and mumps. As an alternative to the requirement for a physician’s certification, the student may present: (1) Certification from a licensed physician stating the physical condition of the student would be such that immunization would endanger the student’s life or health; (2) Certification from a licensed physician stating the student has experienced the natural disease against which the immunization protects; (3) Confirmation from a laboratory of the presence of
adequate immunity; or (4) A written statement signed by the student that the student is an adherent to a religious doctrine whose teachings are opposed to such immunizations. If the student is under the age of 18, the written statement shall be signed by one parent or guardian. Please see an admissions representative for further details.
The learner services program at National American University campuses contributes to the career development goals of the university’s students. Learner services are provided through personnel, programs, and procedures offered to stimulate student development and personal and social growth. Other aspects of learner services attempt to reduce or regulate conditions that might conflict with educational objectives shared by students and the university.

ALUMNI

Graduates of National American University become members of the National American University Alumni Association.

A recent initiative has been undertaken to enhance communication by way of newsletters and other means, and to build a more active and mutually beneficial relationship. Regular input from recent graduates helps the university evaluate its programs and personnel in terms of assessing outcome determinations and establishing improvement measures.

Alumni of National American University are encouraged to assist the university with the placement responsibility by sharing information regarding employment opportunities. Referral of prospective students to the university by alumni is also welcomed. Job search assistance on a long-term basis is available at no added charge to graduates through the campus career services offices. Alumni may activate involvement on the National American University web site at http://www.national.edu/Alumni/Pages/default.aspx

CAREER SERVICES

Career development is central to the mission and the overall purposes of the university, and the career services staff has the responsibility to assist students and graduates in this important endeavor. Faculty, staff members, alumni and others also contribute to this effort.

The learner services office at each campus assists students and graduates with employment or enhanced employment. Interaction with employers and alumni, participation in the career management class, career fair sponsorships, assistance with preparation of resumes and other written materials, on-campus recruitment by employers, part-time employment, internships, Internet utilization, and Federal Work-Study jobs are some of the means used by National American University to facilitate employment and career development of students and graduates. The university prepares and reports statistical information on employment of graduates. National American University students and alumni are informed and empowered by the ability to link to the world’s job market through the NAU Career Services web site: www.national.edu/careerservices.

CONDUCT

As a student at National American University, appropriate conduct and integrity are expected. In some instances of student misconduct, the university will issue a warning or will place the student on disciplinary probation, suspension, or will dismiss the student from the university. A written policy on student conduct is available from the office of the academic dean or the campus executive officer who has authority and responsibility for overseeing student conduct.

Procedural fair play and due process will be provided in every instance. Proper safeguards for the welfare, safety and educational opportunity will be provided for all students.

Institutional obligations include, but are not limited to, upholding the law and maintenance of regulations regarding academic honesty and restricting prejudicial behavior, physical abuse or harassment, impropriety of personal behavior, or illicit use of drugs or intoxicants, especially as these relate to institutional and educational goals. Respect and tolerance are key words in the institutional expectations of students in their interaction with each other and with other members of the university community. Legal violations will be turned over to police authorities.

DISABILITY SERVICES

National American University strives to make its programs accessible to all individuals, in compliance with Section 504 of the Rehabilitation Act of 1973 and Title III of the Americans with Disabilities Act of 1990. Its purpose is to create and maintain an environment in which students may achieve their fullest potential, limited to the least extent possible by individual disabilities. Such disabilities include physical or mental impairment that substantially limits major life functions. All faculty, staff, and students of the university are expected to adhere to this philosophy of equal access to educational opportunity and to assume broad responsibility for its implementation.

Disclosure of a disability is not required, but if disclosed, it is the responsibility of the individual to seek available assistance and make his/her needs known.

The system student services office is the designated office at National American University that maintains disability-related documents, certifies eligibility for services, and determines and provides reasonable accommodations for students with disabilities. It is located in Rapid City, South Dakota. All requests for accommodation, documentation reports, and inquiries should be directed to:

Alumni of National American University that maintain the system student services office is the designated office at National American University that maintain
Mr. Jason Warr, System Vice President for Academic Operations and Learner Services
5301 South Highway 16, Suite 200
Rapid City, SD 57701
(605) 721-5274

For more details regarding the university’s policies and procedures for providing reasonable accommodations for students with disabilities, please see the System Student Handbook.

**DRUG AND ALCOHOL POLICY**
National American University takes a positive, proactive role in preventing the possession, use or distribution of drugs and alcohol by students and other members of the campus community. The university has adopted the guidelines of the 1990 Drug Free Schools and Campuses Act. Under this act, National American University has:
1. established standards of conduct that prohibit unlawful use, possession or distribution of drugs or alcohol;
2. annually distributed information describing legal sanctions under state and federal law;
3. annually distributed information regarding health risks associated with the use and abuse of drugs and alcohol;
4. provided information related to counseling, treatment, and rehabilitation associated with the use and abuse of drugs and/or alcohol on an annual basis;
5. set disciplinary sanctions which will be imposed on students and employees for violations related to the use and abuse of alcohol and/or drugs;
6. utilized professional staff to inform and to support institutional and personal educational objectives.

The university’s drug and alcohol policy is distributed to students annually. These sanctions include expulsion of students and termination of employees.

**GRIEVANCE**
Written policies and procedures of National American University describe processes through which students may question or contest most institutional determinations. There are specific descriptions related to privacy, harassment, conduct, grades, drugs and alcohol, and other campus concerns and conditions. Due process is integral to university procedures; students are encouraged to voice their concerns and to interact productively with the university in the administration of policies that relate to them or to the well-being of other students.

Student problems or issues not otherwise addressed by a formal policy may be appealed through a grievance policy and procedure document. Grievances can be pursued by obtaining information and printed material from a university academic dean or campus executive officer.

**GROUPS/ORGANIZATIONS**
Student groups on National American University campuses have been organized for specific functions or on the basis of a common interest or goal. Student groups may include student government, student advisory councils, or other campus student organizations that exist on the basis of ethnic, recreational, athletic or academic interests.

**HEALTH AND ACCIDENT INSURANCE**
Health and accident insurance in the form of a student group policy exists for all National American University students. The financial impact of illness or an accident on educational opportunity may be reduced by electing this optional coverage. Information regarding this benefit may be obtained from campus learner service coordinators.

**LEARNING RESOURCE CENTER**
National American University's Learning Resource Center (LRC) is dedicated to assisting and supporting students, faculty and staff at all campuses in achieving success in their academic programs and careers through the development and maintenance of a collection of current and timely information in a variety of formats. Most campuses have traditional hard copy resources including books, journals, magazines, newspapers and publications that support all the academic programs. All campuses have access to the NAU Online Library. The Online Library provides access to the National American University online catalog, e-books, and myriad electronic searchable full-text databases including: Proquest, EbscoHost, Gale Infotrac, WorldCat, Mosby's, NBC, and LexisNexis. All campus students have access to public libraries as well as often support from local university and college libraries in their region.

**LEARNER SUPPORT SERVICES**
National American University campuses have a number of programs intended to assist students in gaining the optimum benefit from their academic experience. Tutoring is perhaps one of the oldest and most supportive activities sponsored by the university. Successful students in a particular discipline are hired by the university and tutoring services are made available to the students at each campus.

Advising contacts between students and members of the faculty and the professional staff are also very important in planning and achieving goals for education, for careers, and for life.

**NAU FOUNDATION ACADEMIC EXCELLENCE AWARD**
Each National American University campus recognizes and rewards academic achievement through an NAU Foundation Academic Excellence Award and the NAU Foundation Alumni Academic Excellence Award program. To be eligible to apply for the Academic Excellence Award, the student must have attended half-time (six or more undergraduate credit
hours or 4.5 or more graduate credit hours) at National American University fall and winter quarters of the last calendar year and continue on a half-time basis for the award period. The minimum cumulative GPA requirement for consideration is 3.66.

Applications are available at each campus in the spring. Letters of reference and a brief autobiography must be included with the application.

Scholarship recipients are selected on the basis of the following:

1. academic achievement at National American University;
2. participation in institutional activities or community involvement/service while a National American University student;
3. financial need.

**ORIENTATION**

The university conducts a variety of orientation activities and programs prior to student entrance into the university and classes; students thereby become acquainted with faculty, staff and curriculum. It is important that the student's and the university’s goals and philosophies match. Orientation programs are both formal and informal. It may be desirable in many instances to include family members or friends in visitation, tours and general orientation activities. Students and family members routinely visit the campus as part of the orientation and enrollment process.

University publications, including this catalog and the student handbook, play a role in orienting students to National American University. Strategies for Success, a university course which is required of all entering students, extends orientation and student development into the classroom and beyond.

**PART-TIME EMPLOYMENT**

The learner services office will assist students who want part-time employment, on or off campus, while attending the university. The learner service coordinators work regularly with area business firms to help secure jobs for National American University students seeking part-time positions.

**RECOGNITION AND SCHOLARSHIPS**

National American University recognizes students for their academic achievements, leadership abilities, and community service. Information on scholarship programs can be obtained by contacting the financial aid office at the campus of interest.

In addition to various quarterly honors, the university participates in the national program Who's Who Among Students in American Universities and Colleges. Outstanding upper division students in bachelor’s programs are selected and recognized yearly at each location. Academic excellence, leadership and service are factors used to select qualified candidates for Who’s Who.

**RIGHT TO PRIVACY - FERPA**

The Family Educational Rights and Privacy Act (FERPA) of 1974 is a federal law which states: (a) that a written institutional policy must be established and (b) that a statement of adopted procedures covering the privacy rights of students be made available. The law provides that the institution will maintain the confidentiality of each student's educational records.

National American University accords all the rights of privacy under the law to students who are declared independent. Students who are minors are still accorded the protection of the law with the exception that a parent or guardian may have the right to information in the student's file. No individual organization outside the institution shall have access nor will the institution disclose any information from students' educational records without the prior written consent of students, except to personnel within the institution or officials of other institutions in which students seek to enroll. Persons or organizations providing students' financial aid, accrediting agencies carrying out their accreditation function, persons in compliance with a judicial order, and persons who, in an emergency, seek to protect the health or safety of students or other persons may also have access. Within the university, only those members of the faculty or staff individually or collectively acting in students' educational interests are allowed access to student records.

At its discretion, the institution may provide student directory information in accordance with the provisions of the Act to include the following: name, local and permanent addresses, local and permanent telephone numbers, e-mail address, date and place of birth, dates of attendance, class, college, major, most recent school attended, full-time or part-time status, honor roll, participation in officially recognized activities and sports, weight and height of members of athletic teams, degree(s) and honors conferred, and commencement program information.

A student may withhold directory information by notifying the office of the registrar or the branch campus administrative office in writing no later than the 15th day after the first day of the term in which the student is enrolled. Requests for nondisclosure will be honored by the university until removed by the student. Please note that such withholding requests are binding for all information to all parties other than for educational purposes.

In addition, FERPA affords students certain rights with respect to their education records. These rights include the following:

1. the right to inspect and review their education records within 45 days of the day the university receives a request for access;
2. the right to request an amendment of their education records that they believe are inaccurate or misleading;
3. the right to consent to disclosures of personally identifiable information contained in their education records, except to the extent that FERPA authorizes disclosure without consent (One exception that permits disclosure without consent is disclosure to school officials with legitimate
educational interests. A school official is a person employed by the university in an administrative, supervisory, academic or support staff position);

4. the right to file a complaint with the U.S. Department of Education concerning alleged failures by the university to comply with the requirements of FERPA. The name and address of the office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue SW, Washington, DC 20202-5920.

STUDENT CONCERNS - MINNESOTA STUDENTS
Those students enrolled at NAU campuses located in the state of Minnesota and who have been unable to resolve their concerns through the university’s normal channels may also contact the Minnesota Higher Education Services Office, 1450 Energy Park Drive, Suite 350, St. Paul, MN 55108-5277.

STUDENT CONCERNS - TENNESSEE STUDENTS
Those Tennessee Students enrolled in the distance learning program with student concerns may contact the distance learning campus learner services advisor at 800-548-0602. Those who have been unable to resolve their concerns through the university’s normal channels may also contact the Tennessee Higher Education Commission, 404 James Robertson Parkway, Nashville, TN 37243-0830, telephone: 615-741-5293.
TUITION

NOTE: All tuition and fees are subject to change by notification from the university. Please contact the admissions office for current tuition and fees.

Tuition and fees are due on the first day of each quarter unless advanced arrangements are made. A commitment for tuition and fees is made subject to the current refund policy. Students may qualify for short-term financial assistance to complete their registration. Tuition does not include the cost of books and supplies.

Debts that are not paid in full within 30 days after a student's last date of attendance will be subject to late charges of up to 18% per year (1.5% per month) on the unpaid balance. They are also subject to the statutory provisions for default in the state where the student attended inclusive of reasonable collection costs and attorney fees. The university also reserves the right to report all unpaid balances to the credit bureau.

FEES

Application Fee (applies up to one year from the original scheduled start date)* - $25
International Application Fee - $45
Graduate Application Fee - $45
Student Accident and Sickness Insurance Plan (optional) (Inquire for coverage and rates.)
Matriculation Fee (paid once) - $50
Undergraduate Graduation Application Fee (per undergraduate degree at time of graduation application) - $50
Graduate Graduation Application Fee (per graduate degree at time of graduation application) - $60
Residence Hall Deposit (Rapid City only) - $100
Portfolio Fee (per credit hour) - $50
Technology Fee (All on-campus students excluding Colorado Springs, Denver and Ellsworth) - $10 per credit hour

A list of specialty course/program fees is available to all students and prospective students in the student account office.

Students enrolled in specific programs are required to purchase program wearable items, accessories, or uniforms, or receive immunizations for program participation. A $100 program allowance is available per academic year to assist with these costs.

* The application fee will be refunded if the applicant withdraws within three days of making payment, provided the student has not entered classes. (Exceptions: Five days in the state of Minnesota regardless of whether the course of instruction has started. Three days in the state of Missouri, excluding Saturday, Sunday and holidays, regardless of whether the student has entered classes.)

REFUND POLICY: RESIDENCE HALL ROOM CHARGE

(Rapid City Campus only)
All students residing in the residence hall are required to purchase a meal plan.

Per Quarter Charge
Multiple occupancy (2-person room) - $750
Single occupancy (2-person room) - $1,286
Multiple occupancy (4-person room [3 or 4]) - $750
Special occupancy (4-person room [2]) - $1,176
Junior/Senior - $750

Per Quarter Food Service Charge
66-meal plan (based on an average of 6 meals per week) - $462 (restrictions apply)
88-meal plan (based on an average of 8 meals per week) - $594
132-meal plan (based on an average of 12 meals per week) - $825

Additional meals may be purchased. See Financial Services for rates.

Definition of a Student
The definition of "student" as used in this catalog means the student, if the student is a party to the contract, or the student's parent, guardian, or other person if the parent, guardian or other person is a party to the contract on behalf of the student.

Add/Drop Period
A student may add or drop any course during the first scheduled week of a standard term of enrollment with no penalty. A student who drops individual courses during this week will receive a full refund for the credit hours dropped. No refunds will be made for individual courses attended and then dropped following this period. The add/drop dates for standard and interim terms are posted in the Academic Calendar.

The university will make full or partial refund of tuition paid by students who completely withdraw after classes begin.

Withdrawals/Refunds
Students should give written notice of withdrawal to the university academic dean to officially terminate their enrollment. Students who do not give written notice will be withdrawn from courses when it is determined, by the university, that the student is no longer pursuing his or her educational objective.
Students completing at least one course during the term will not be eligible for a refund. Students who withdraw without completing any courses during the term will have a refund calculation completed.

The period of enrollment includes all courses for which the student is registered, from the first scheduled day of attendance through the last scheduled day of classes for this student.

The return of Title IV funds and the tuition reduction will be calculated based on the student’s last day of attendance. Refunds minus a $75 administrative fee will be made within 45 days of when the withdrawal date (last day of attendance) is determined.

The following refund policy from National American University applies to all students in all academic programs and all student categories at all campuses. The following refund policy does not apply to contract agreements or other arrangements where a separate refund policy is stated.

A prorated amount of Title IV funds must be returned to financial aid programs for students not completing 60 percent of the period of enrollment if the student was a financial aid recipient.

Students who completely withdraw from National American University during the first 60 percent of the term will have tuition and fees prorated based on the last day of attendance in accordance with the following calculation:

<table>
<thead>
<tr>
<th>Last Day of Attendance</th>
<th>Percent of Reduction</th>
</tr>
</thead>
<tbody>
<tr>
<td>Withdrawal prior to the first day of classes</td>
<td>100%</td>
</tr>
<tr>
<td>Last day of attendance during the first week of classes</td>
<td>100%</td>
</tr>
<tr>
<td>Beyond first week but during first 60% of scheduled classes</td>
<td>daily proration*</td>
</tr>
<tr>
<td>Beyond 60% of scheduled classes</td>
<td>no refund</td>
</tr>
</tbody>
</table>

*Percent of term completed = Number of days from scheduled start of term through student’s last day of attendance ÷ Number of days in scheduled term

Percent to be refunded = 100% minus percent of term completed

If a postsecondary proprietary educational institution utilizes a refund policy of their recognized national accrediting agency or the new United States Department of Education (USDOE) Title IV refund policy enacted by the 1992 Amendments to the Higher Education Act, the postsecondary proprietary educational institution must provide written verification in the form of a final refund calculation, upon the request of the commission, that its refund policy is, indeed, more favorable to the student than that of the commission’s. Postsecondary proprietary educational institutions accredited by a nationally recognized accrediting agency must uniformly apply the commission’s tuition refund policy or the refund policy of their recognized accrediting agency, as previously approved by the commission to all first-time students enrolled. Postsecondary proprietary educational institutions using a refund policy other than that of the commission’s must list the complete policy and its origination in the institutional catalog and the enrollment agreement. (Indiana Commission on Proprietary Education; 570 IAC 1-8-4.5; filed Jan 17, 1995, 1:00 p.m.; 18 IR 1476; readopted and extended filed Jan 9, 2002, 10:58 a.m.; 25 IR 1731)

**ADMINISTRATIVE FEE**

A $75 administrative fee will be assessed against each prorated refund.

Percent to be refunded = 100% minus percent of term completed

**Residence Hall (Rapid City)**

During the quarter, should a student withdraw from the university and leave the residence hall, a pro-rata refund will be applied throughout the quarter. The date that the student officially checks out of the residence hall will determine the basis for the pro-rata refund. (Refer to the guidelines set forth in the residence hall application agreement form.)

**Food Service (Rapid City)**

Food service refunds are prorated throughout the quarter. The refund is based on the last day the service was utilized.

The university will make full refund of any amount paid by the student for a quarter during which the student has not taken any meals under this contract, provided the student notifies the university five (5) days prior to the beginning of the quarter.
FINANCIAL AID PROGRAMS

National American University recognizes that many worthy students would be unable to pursue their educational goals without financial assistance.

National American University provides financial aid in the form of grants, scholarships, work-study and low-interest loan programs through federal, state and local sources.

Students interested in applying for financial aid through the following programs are encouraged to write and/or visit the university financial services office. The addresses for all locations of National American University are listed at the beginning of the catalog.

FEDERAL PELL GRANTS
A Federal Pell Grant, unlike a loan, does not have to be repaid. Pell Grants are awarded only to undergraduate students who have not earned a bachelor's or professional degree. The federal government determines eligibility. Pell Grant awards for the 2010-2011 academic year range from $555 to $5,550.

ACADEMIC COMPETITIVENESS GRANT (ACG)
The Academic Competitiveness Grant (ACG) is for undergraduate Federal Pell Grant eligible students who are enrolled in the first or second academic year of their program (must be enrolled in a diploma, associate, or bachelor's degree). ACG eligible students must have completed a rigorous secondary school (High School) program of study on or after January 1st, 2005. ACG eligible sophomore students must have at least a 3.0 cumulative GPA at the point they become a sophomore. Students must be enrolled as at least a half-time student to be eligible for the ACG.

NATIONAL SCIENCE AND MATHEMATICS ACCESS TO RETAIN TALENT GRANT (SMART)
The SMART Grant is for undergraduate Federal Pell Grant eligible students who are enrolled in the third or fourth academic year of a bachelor's degree in an eligible area of study. Students must have at least a 3.0 cumulative GPA each quarter they receive this grant. Students must be enrolled as at least a half-time student to be eligible for the SMART Grant.

FEDERAL SUPPLEMENTAL EDUCATION OPPORTUNITY GRANTS (FSEOG)
The FSEOG program is designed to assist undergraduate students with exceptional financial need. First priority is given to Federal Pell Grant recipients. National American University FSEOG awards range from $500 to $900 per quarter. Amounts are limited and early application is important.

FEDERAL WORK STUDY PROGRAM (FWS)
The Federal Work Study Program (FWS) provides jobs for undergraduate and graduate students with financial need, to assist them with their educational expenses. Students may work up to 20 hours per week while the university is in session.

The National American University Financial Services Office or on the Rapid City Campus the Career Services Office assists students with obtaining either on-campus or community service FWS positions. Funds are limited; therefore, early application is important.

FEDERAL PERKINS LOAN
A Federal Perkins Loan is a low interest loan (5 percent) for both undergraduate and graduate students with exceptional financial need. Priority is given to Federal Pell Grant recipients.

The annual maximum for each award year of undergraduate study is $5,500. The annual maximum for each award year of graduate study is $8,000.

The aggregate (program) loan limits are $27,500 for a student who is a junior or senior in an undergraduate program leading to a bachelor's degree, and $11,000 for a student who is a freshman or sophomore in an undergraduate program leading to a bachelor's degree or for students in degree/diploma programs that are two years or less in length. The aggregate (program) loan limit for a graduate student is $60,000 (including any Federal Perkins Loan borrowed as an undergraduate).

Repayment of Perkins Loans for first-time Perkins Loan borrowers begins nine months after the student graduates, withdraws or drops below half-time attendance. For details on deferments and/or cancellations, contact the financial services office. Funds are limited, therefore early application is important.

FEDERAL DIRECT LOAN PROGRAMS
Loans made through these programs are referred to as Direct Student Loans. The Federal Government provides funds and guarantees these student loans. Direct Student Loans include Subsidized and Unsubsidized Stafford Loans, and Parent Loans for Undergraduate Students (PLUS). Students and parents repay these loans to the Servicer assigned by the Federal Government.
**DIRECT STAFFORD LOANS**

Direct Stafford Loans are for undergraduate, graduate and professional degree students. You must be attending as at least a half-time student to be eligible for a Direct Stafford Loan.

There are two types of Direct Stafford Loans: subsidized and unsubsidized. You must have financial need to receive a Subsidized Stafford Loan. Financial need is not a requirement to obtain an Unsubsidized Stafford Loan. The U.S. Department of Education will pay the interest that accrues on Subsidized Stafford Loans during certain periods of at least half-time enrollment, the grace period and during certain times of deferment. The U.S. Department of Education will at no time pay the interest that accrues on Unsubsidized Stafford Loans.

**Annual and Aggregate (Program) Limits for Direct Subsidized and Unsubsidized Stafford Loans**

<table>
<thead>
<tr>
<th>Undergraduate Students</th>
<th>Dependent Student</th>
<th>Independent Student</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Year</td>
<td>$5,500</td>
<td>$9,500</td>
</tr>
<tr>
<td></td>
<td>(only $3,500 of this amount may be in subsidized loans)</td>
<td>(only $3,500 of this amount may be in subsidized loans)</td>
</tr>
<tr>
<td>2nd Year</td>
<td>$6,500</td>
<td>$10,500</td>
</tr>
<tr>
<td></td>
<td>(only $4,500 of this amount may be in subsidized loans)</td>
<td>(only $4,500 of this amount may be in subsidized loans)</td>
</tr>
<tr>
<td>3rd Year, 4th and 5th Year</td>
<td>$7,500</td>
<td>$12,500</td>
</tr>
<tr>
<td></td>
<td>(only $5,500 of this amount may be in subsidized loans)</td>
<td>(only $5,500 of this amount may be in subsidized loans)</td>
</tr>
<tr>
<td>Undergraduate Aggregate limits for Stafford Loans</td>
<td>$31,000</td>
<td>$57,500</td>
</tr>
<tr>
<td></td>
<td>(No more than $23,000 of this amount may be in subsidized loans)</td>
<td>(No more than $23,000 of this amount may be in subsidized loans)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graduate Students</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduate Aggregate limits for Stafford Loans</td>
<td>N/A</td>
</tr>
<tr>
<td></td>
<td>$138,500</td>
</tr>
<tr>
<td></td>
<td>This includes amounts received during periods of undergraduate study.</td>
</tr>
</tbody>
</table>

**DIRECT PARENT LOAN FOR UNDERGRADUATE STUDENTS (PLUS)**

Direct PLUS loans are for parents to borrow to help pay for their dependent child’s education. The Direct PLUS loan provides additional funds for education expenses. Direct PLUS loans enable parents with good credit histories to borrow for each child who is enrolled at least half-time. The annual loan limit is the student's cost of education minus any estimated financial aid received. The U.S. Department of Education will at no time pay the interest that accrues on Direct PLUS loans.

For information about Federal Student Aid from the U.S. Department of Education, visit www.studentaid.ed.gov.

**SCHOLARSHIPS**

The following sites are free scholarship searches:

- www.fastweb.com
- www.scholarships.com
- www.petersons.com/finaid/file.asp?id=780
- www.collegeboard.com/student/pay
- www.scholarshipexperts.com
- www.findtuition.com/scholarships

Nursing scholarship site:

- www.nursingscholarship.us

In the reference section of the university library and in the financial services office, further information is available concerning outside scholarships and how to apply for them.

**Veterans Administration (VA)**

Veterans and/or dependents of veterans who are disabled or deceased may qualify for educational financial assistance through the Veterans Administration. Since the regulations regarding eligibility are quite extensive and many times need interpretation, the student is referred to the Veterans Administration Center. State Veterans Administration Office locations may be found at www.va.gov/statedva.htm. Or you may call 1-888-442-4551 or contact your local Veterans Service Organization.

**Other State and Federal Programs**

Benefits may be available through such government programs as State Trade Adjustment Act, Minnesota State Grant Program (MSGP), Minnesota Child Care Grant (MCCG), Bureau of Indian Affairs (BIA), state vocational rehabilitation services (for mobility, hearing, and/or visually impaired), and the Military or Federal Tuition Assistance Programs.
ACADEMICS

ACADEMIC HONORS

Honors awarded at National American University are divided into four groups: President’s List, Dean's List, Honorable Mention List, and Academic Excellence Certificate and special recognition.

President’s and Dean’s List

Each quarter, students who earn a designated grade point average are eligible for the following honors:

• **Full-Time Students:**
  - President’s List – 4.0 and enrolled in 12 or more credits
  - Dean’s List – 3.65 to 3.99 and enrolled in 12 or more credits with no grade below a “B”
  - Honorable Mention List – 3.33 to 3.64 and enrolled in 12 or more credits with no grade below a “C”

• **Part-Time Students:**
  - Academic Excellence Certificate – 4.0 GPA and enrolled in at least eight credits but less than 12 credits

Graduation Honors

Upon meeting bachelor of science degree graduation requirements, those students who have exhibited academic excellence will be awarded the designations to indicate that they have graduated with honors. To be eligible for these honors, a student must have a cumulative grade point average on credits earned at National American University according to the following schedule:

- Cum Laude - An average of 3.5 to 3.69
- Magna Cum Laude - An average of 3.7 to 3.89
- Summa Cum Laude - An average of 3.9 or higher

Associate degree and diploma candidates who have a cumulative grade point average of 3.5 or higher for credits earned at National American University are eligible for the designation “With Distinction.”

ACADEMIC INTEGRITY

The National American University Mission and Purposes describe the university’s commitment to assist students in further development of ethical values and behavior. A significant aspect of one of the purposes relates to academic integrity and the encouragement of honesty and ethical behavior on the part of students and graduates. Academic dishonesty includes, but is not limited to, plagiarizing and/or cheating on assignments, tests or projects; or assisting someone else in these actions.

Students

Students are encouraged to model behaviors that reflect honesty and integrity, and, therefore, may not engage in or tolerate cheating, plagiarism or other forms of academic dishonesty and/or related misconduct. Students should work in collaboration with each other to accomplish educational objectives; however, they are also responsible for their own understanding of the academic content and for their own work. Students who are unclear about the academic dishonesty examples listed below should seek clarification from a faculty member or staff members with appropriate expertise.

The most common forms of academic dishonesty include but are not limited to:

Cheating:

- Using or attempting to use unauthorized assistance, material or student aids in examinations or other academic work. Examples: using a cheat sheet on an exam, copying from another student’s exam, copying an exam before it is given, collaborating on an assignment without course instructor’s consent, or altering exam answers and resubmitting the exam for a better grade.

Plagiarism:

- Using the ideas, data or language of another without specific and proper acknowledgement. Examples: failing to cite a reference or to use quotation marks where appropriate, or misrepresenting another’s work as one’s own original creation.

Fabrication and Falsification:

- Submitting contrived or altered information in an academic exercise. Examples: inventing data, research results, information or procedures in an academic exercise, reporting false information about internship or practicum experiences, or altering the record of data or experimental procedures or results.

Multiple Submission:

- Submitting, without prior permission, substantial portions of the same academic work for credit more than once.

Complicity in Academic Dishonesty:

- Knowingly helping or attempting to help another commit an act of academic dishonesty; failing to report instances of academic dishonesty of which the student is aware.

Students are responsible for seeking information about accurate documentation of citations and references for specific content areas. Students who are unclear about the cheating and plagiarism examples listed above should seek clarification from a faculty member or staff members with appropriate expertise.

Faculty

The university trusts the members of the faculty to enforce policies and to establish procedures in their classes that will encourage honesty and ethical behavior on the part of students. The university expects that faculty members will not only make the determination of academic dishonesty, but that they will impose the sanctions described below as appropriate.
Penalties
Penalties are given at the discretion of the academic dean and/or system vice president of academic operations and learner services (SVPAOLS) and are determined based on the severity of the violation and any prior history of academic dishonesty. Penalties include the following:
1. Failing grade for test, assignment, or project
2. Failing grade for course
3. Temporary or permanent suspension (assigned only by the SVPAOLS)

A student may not withdraw from the course or change the grading option for the course before an allegation of academic dishonesty has been resolved. Generally, if a student has either admitted to the allegation or has been found responsible for academic dishonesty, the student will not be permitted to withdraw from the course or change the grading option for the course.

Advanced Placement Program (AP)

Entering students who have completed an honors course in high school and who have taken and successfully passed the appropriate College Board Advanced Placement exam with a score of 3, 4 or 5 may receive course credit. The student shall receive credit without a specific grade for the exempted course.

Assessment Philosophy

The assessment of student learning outcomes is integral to achieving the National American University Mission and Purposes and Core Values. In order to prepare students for careers in health care, business, and business-related fields through quality higher education, student learning outcomes must be measured to document academic achievement and to identify opportunities for improvement. In addition to promoting continuous improvement, the assessment of student learning also encourages the university to be accountable to its constituents through the documentation and reporting of its academic outcomes.

The following are essential elements in the assessment of student learning at National American University:

- Qualified faculty design and approve new academic programs and support services after appropriate research and planning have been completed so that quality is imbedded in all programs and services.
- Qualified faculty create a program mission statement and student learning outcomes for each undergraduate and graduate academic program, consistent with the University Mission and Purposes and Core Values, program accreditation standards, and good practices in higher learning and in the profession. These learning outcomes are combined with faculty-developed criteria to serve as the basis for assessing the quality of teaching and learning, as well as related support services, provided within and across academic programs and campuses.
- Student learning outcomes for all academic programs are measured in a systematic and continuous manner, using multiple direct and indirect assessment methodologies, to document achievement of outcomes, as well as learning over time. While most assessment methods will be objective and quantitative, others may be subjective and qualitative. There is no single best method for measuring and assessing student academic achievement and the complexities of higher learning. Use of multiple quantitative and qualitative methods is encouraged to allow for triangulation of the data and improve the validity and reliability of the conclusions drawn from assessment reports.

With the university’s adoption of performance-based curriculum development, authentic assessments that measure student performance or work products are integrated, as appropriate, into program assessment plans. In addition, existing classroom assessments and data collected and reported to meet external accountability requirements are utilized where possible.

- Faculty peer groups with representatives from across the university campuses analyze the collected data to determine whether learning outcomes have been achieved or opportunities for improvement are present. Recommended actions for improvement are implemented, and learning outcomes continue to be assessed until improvement can be documented.
- Relevant findings from the assessment of student learning are included in the university’s budget and strategic and operational plans to promote quality academic programs and support services and encourage excellent teaching and effective learning. Findings and actions resulting from the assessment of student learning are also linked to scheduled academic program reviews and the university’s institutional effectiveness efforts, where appropriate.

Consistent with this philosophy, every student at National American University participates in periodic assessments in order for the university to measure and improve student learning outcomes and academic support services. A variety of direct and indirect assessment methods is used and may include examinations, rubrics, competency checklists, portfolio analysis, and survey or interview participation.

Although measurement and evaluation of student learning is fundamental to the university’s assessment program, outcomes are not intended to be used as the basis for evaluating faculty or for determining the graduation status of students. The assessment of student learning will not create barriers to hinder student progress toward educational goals.

Attendance Philosophy

The university’s philosophy on attendance supports its mission of career and professional education. The university creates an educational environment that is responsive to the career/professional interests and educational objectives of its students, as well as the needs of employers, government and society. Students are expected to attend all of their classes just as employees are expected to be at work as scheduled in the
business world. Our goal is to prepare students to be conscientious and productive employees.

NAU creates a caring and supportive learning environment. The university believes that students are more successful if they participate in class, and that they receive great benefit from classroom discussions and the relationships formed with other students and faculty members. Instructors are more likely to recognize that a student is in need of tutoring or other academic support if the student is regularly attending class.

ATTENDANCE POLICY
Students are expected to attend all class sessions. If a student misses two consecutive weeks of classes without contacting the instructor, he/she may be administratively dropped from the course. Faculty may implement grade adjustments based on the university’s attendance policy. Each faculty member’s requirements for make-up work, if applicable, are stated in the course syllabus.

Attendance is taken each week in all classes. Students enrolled in online classes are counted as present if they successfully log into each course within the university’s learner management system.

Students who have attended past the first 60 percent of each class, as published in the academic calendar, will not be dropped for non-attendance.

AUDITING
Students who wish to attend the class sessions of a university course but do not wish to receive credit or a letter grade must meet with their academic advisors to request auditing privileges. Privileges will be extended to students upon recommendation of the student’s advisor and approval of the academic dean.

The following students are eligible to request auditing privileges:

1. Students who are already carrying at least eight hours of credit may audit one or more on campus or online courses, on a space available basis, at no additional cost.
2. Graduates of National American University may audit, on a space available basis, a course they have previously taken and passed at National American University at no additional cost.

Students may not audit independent study courses or courses not already completed that are required in the program of study.

BLOCK TRANSFER POLICY
National American University’s block transfer policy (General Education Equivalency) applies to all bachelor’s degree programs with the exception of the following: Athletic Training, Nursing, and the Applied Management program offered in Kansas. All transfer course work must be college level (1000-level or above).

Block transfer does not apply to students attending Minnesota or Texas campuses. If students were eligible for block transfer on enrollment, a subsequent change of degree program request will initiate the reevaluation of eligibility for block transfer in the new degree program.

Students who have earned a bachelor’s or associate degree, regardless of the type, with the equivalent of at least 50 quarter credit hours of general education courses, meet the requirements for National American University’s general education core area available for block transfer.

Students who have earned an Associate of Applied Science (AAS), Associate of General Studies degree or a technical Bachelor of Applied Science degree from an accredited institution may be eligible for block transfer in the university’s Bachelor of Science in Applied Management and Bachelor of Science in Applied Information Technology degree programs if sufficient transfer credits are available.

CANCELLATION OF COURSES
The university reserves the right to cancel any scheduled course for insufficient enrollment.

CHANGE OF GRADES
Grades submitted by faculty at the end of each quarter are not subject to revision on the basis of additional work or a new examination. Grade changes, other than incomplete grades, are limited to computational and/or recording errors.

CHANGE OF PROGRAM
Students are limited to active enrollment in one program of study. Students wishing to change the program in which they are enrolled must meet with their academic advisor or the academic dean to complete the required paperwork and to determine which courses/credits they have earned will meet the requirements of the new program.

CHANGE OF PROGRAM WITH GRADE DELETION
Any student may apply one time for a change of program with grade deletion. To initiate this process, the student consults with his/her academic advisor who will explain the specific application guidelines.

If the student's request is granted, all grades that do not apply toward a new program curriculum will be deleted on the official transcript. Once the change has been finalized, all deletions are permanent. The course numbers and titles will continue to be included on the transcript, but no credits or grades will be reflected. This procedure is available only once in the student's academic career at National American University and may not be applied if the student has already received a “Fresh Start” under the Fresh Start Policy. For Satisfactory Academic Progress purposes, the grades the student earned in the first program must be calculated in the cumulative GPA, and the corresponding credit hours must be calculated in the successful completion rate.
CLASSIFICATION OF STUDENTS

Freshman  A student who has not yet earned 40 quarter hours of credit.
Sophomore A student who has earned 40-79 quarter hours of credit.
Junior A student who has earned 80-119 quarter hours of credit.
Senior A student who has earned 120 or more quarter hours of credit.

In addition to completion of university courses, other ways to earn university credit are discussed in the catalog under the heading of "Nontraditional Credit."

COMMENCEMENT

Formal commencement exercises are conducted annually following the spring quarter. Students graduating from the online campus are recognized through a virtual commencement; additionally, they are also encouraged to attend commencement exercises at any one of the university’s campus locations.

CORPORATE TRAINING

National American University provides specialized short-term training. These customized courses are designed around the specialized needs of business and industry.

DUAL USE OF CREDIT

National American University encourages high-performing high school students to extend their education through the completion of college-level courses while still enrolled in high school. In addition, with their high school district’s approval, these courses may also be applied to high school graduation requirements. High school students wishing to take college-level courses at NAU must meet the following requirements:

1. satisfy the university’s requirements for enrollment into EN1150 Composition I and MA2050 College Algebra or have a minimum ACT score of 20 in English and math or a minimum SAT score of 500 in verbal and math;
2. have a minimum 3.0 GPA on a 4.0 scale in all high school course work;
3. complete the university’s dual credit application with the appropriate parental and high school administrator’s signatures;
4. be a high school junior or senior. High school freshmen and sophomores with ACT or SAT scores in the 90th percentile or above may also be eligible for dual credit courses.

High school students enrolled in National American University dual-credit courses will be required to meet the same admissions and course requirements as regularly enrolled university students.

ENROLLMENT DATES AND QUARTER SYSTEM

National American University is on a four-quarter calendar schedule. These quarters are 11 weeks in length. New students may begin classes during any of the four quarters.

A standard quarter credit hour is based upon 10 hours of instruction per quarter. A laboratory credit hour is based upon 20 hours of laboratory time per quarter. An externship/internship credit hour is based upon a minimum of 30 hours per quarter of on-the-job work experience. Nursing standards for laboratory credit hours and clinical credits vary. Please refer to the school of nursing student handbook for details.

EXAMINATION FOR COLLEGE CREDIT

Standardized Tests

Students enrolled at National American University may receive credit for specific courses by satisfactorily completing appropriate College-Level Examination Program (CLEP) or Defense Activity for Nontraditional Education Supports (DANTES) examinations. Exam scores must meet or exceed minimum qualifying scores established by these testing agencies to be accepted. If minimum scores are not met, students must wait for a time period specified by the testing agency before attempting the same standardized exam again.

In order to receive credit, students must be enrolled at National American University and have an official score report submitted to the registrar’s office. Academic credit awarded through these standardized testing programs will be applied to the National American University degree requirement. Grades are not assigned on the academic transcript and exam results are not included in grade point average calculation.

Students may contact the academic deans at these campuses for further information about testing procedures and fees.

Credit for standardized tests will not be awarded if the student has received prior credit for the same course or an equivalent course.

Each college and university reserves the right to accept transfer credits on a course-by-course basis and will determine the number of hours to be accepted from transfer students. Results from standardized examinations may not be accepted in transfer by other institutions.

EXTERNSHIP/INTERNSHIP

The purpose of the externship/internship program at National American University is to provide students an opportunity to apply skills gained in the academic program to a work situation. Students in an externship/internship will be assigned to a university-approved organization engaged in activities related to the student’s academic program and career objectives. The student must have an externship/internship site approved by the appropriate university coordinator no later than the beginning of the quarter in which the
externship/internship will be performed. The student will perform duties and services as assigned by the employer and the university coordinator.

**FALSIFICATION OF EDUCATIONAL RECORDS**

Falsifying, altering, or misrepresenting a transcript, grade report, diploma or any other material relevant to admission, enrollment or academic performance shall be considered an overt act of academic dishonesty. This action shall result in denial of admission or enrollment into National American University, or permanent suspension from continuing as a student with the university.

**FRESH START POLICY**

The Fresh Start Policy provides a student who left National American University, without completing an academic program, an opportunity to return and start again with a new cumulative grade point average. The Fresh Start Policy is an option only for students who have not taken a course at National American University for at least five academic years.

The Fresh Start Policy student will retain previous credit that was completed with a grade of "C" or better. It will be applied to the requirements of the student's current academic program. An asterisk will denote courses deleted through the Fresh Start Policy on the transcript. For Satisfactory Academic Progress purposes, the grades the student earned during previous attendance must be calculated in the cumulative GPA, and the corresponding credit hours must be calculated in the successful completion rate.

The student must apply for consideration of the option at the time of readmission and the "Fresh Start" can be made only once during a student's academic career at National American University. The academic dean will review the student's request for entering the Fresh Start Program and his/her current academic goals before granting the student provisional admission into the Fresh Start Policy. The student will be considered on probation status until he/she has completed 12 new quarter hours. The eligible student will be granted Fresh Start Policy officially only after completion of 12 new quarter hours with a GPA of 2.0 or higher. Once accepted, the student cannot petition for any other transcript modification (such as a change of program with grade deletion).

**GRADE GRIEVANCE POLICY**

If a student questions a final grade, the student should first discuss the grade with the instructor. If the student still believes the grade is not appropriate, the student may request a hearing before a Grade Review Committee. The request for a hearing must be submitted prior to the end of the quarter following the quarter in which the grade was issued. Work submitted beyond the due date for an incomplete grade is considered a student initiated appeal and requires a Grade Review Committee to determine whether or not a grade change should be submitted.

**GRADING STANDARDS**

Grade points are earned as follows for each credit hour:
- A - 4 grade points - Excellent or Superior
- B - 3 grade points - Good
- C - 2 grade points - Satisfactory
- D - 1 grade point - Passing

Grade designations for which grade points are not earned include:
- F  Failure. The subject may be repeated, and in the case of non-elective courses, it will be necessary to do so in order to complete a program.
- I  Incomplete. The student did not complete all requirements of the course at the time of grading.
- W  Withdrawal. The student voluntarily withdrew from the course or was dropped from the course before completing 60 percent of the academic term. This grade has no bearing on the grade point average but may affect eligibility for financial aid.
- WF Withdrawal-Fail (applies to the school of nursing). The student voluntarily withdrew from the course or was dropped from the course before completing 60 percent of the academic term. The student was earning a failing grade in the course at the time of withdrawal. This grade has no bearing on the grade point average but may affect eligibility for financial aid.
- S  Satisfactory. Used in courses in which credit is awarded and credit hours count toward graduation.
- U  Unsatisfactory. Used in courses for which credit is awarded and credit hours count toward graduation but are not calculated into the GPA.

Grade point average is determined by dividing total grade points earned by total hours attempted. GPA may be figured for each quarter (quarterly GPA), for all hours attempted at the university (cumulative GPA), or for courses in a major (major GPA). Credits and grade points earned at other universities or colleges are not included in GPA calculations at National American University.

Students will be informed of their progress in each course on a regular basis by grades given on tests, papers, and other assignments. Additionally, students will receive a notice halfway through each quarter if their grades are below a "C". Grade reports are issued at the end of each quarter.

**GRADUATION REQUIREMENTS**

**Conferring of Degrees or Diplomas**

The degree or diploma is conferred by the National American University board of governors upon recommendation of the president and faculty after a student has completed all academic requirements for such degree or diploma.

**Bachelor of Science Degree Graduation Requirements**

The requirements for obtaining a Bachelor of Science degree are detailed below:
1. CAPSTONE courses must be completed with a minimum "C" grade.
2. A minimum 2.0 grade point average is required overall in the MAJOR CORE and in the EMPHASIS CORE. For nursing minimum grade point average requirements, please refer to the school of nursing student handbook.
3. Each professional course in the paralegal studies, healthcare management, and athletic training must be completed with a minimum "C" grade.
4. A student must successfully complete three 3000-level and three 4000-level courses at National American University. These courses are chosen from the MAJOR CORE and EMPHASIS CORE.
5. Residency Requirements:
   a. The university’s residency requirements for the MAJOR and EMPHASIS CORES are listed on the program status sheets, which are included in the Academic Programs section of this catalog.
   b. Twelve of the credits in the MAJOR CORE credits must be 3000- or 4000-level courses (excluding internships).
   c. The FINAL 54 credits must be taken in residence at National American University. (Non-traditional credit does not apply to the residency requirement. If a student desires to take courses concurrently at another institution during the final 54 credits, the other institution must be accredited and prior written approval must be obtained from the associate provost/system vice president for curriculum and instruction.)
6. Students must make written application for graduation with the registrar's office two quarters prior to their anticipated graduation date.
7. Students must satisfy all financial obligations with the university.
8. Candidates for graduation must have official transcripts from all previous post-secondary institutions on file in the registrar's office. No student will be eligible for graduation while holding a special or non-degree status.
9. In all associate programs, a minimum of 90-quarter hours of credit is required; however, specific program requirements may vary.

**Associate of Applied Science/Academic of Science Degree Graduation Requirements**

The requirements for obtaining an Associate of Applied Science or an Associate of Science degree are as follows:

1. A minimum 2.0 grade point average (GPA) is required overall and in the MAJOR CORE.
2. Each professional course in the paralegal studies, therapeutic massage, medical assisting, medical administrative assistant, medical staff services management, pharmacy technician, and veterinary technology programs must be completed with a minimum "C" grade. For nursing minimum grade point average requirements, please refer to the school of nursing student handbook.
3. The university’s residency requirements for the MAJOR CORE are listed on the program status sheets which are included in the Academic Programs section of this catalog.
4. The FINAL 36 credits must be taken in residence at National American University. (Nontraditional credit does not apply to the residency requirement.) If a student desires to take courses concurrently at another institution during the final 36 credits, the other institution must be accredited and prior written approval must be obtained from the associate provost/system vice president for curriculum and instruction. For nursing residency requirements, please refer to the school of nursing student handbook.
5. A student must make written application for graduation with the registrar's office two quarters prior to his/her anticipated graduation date. The deadline for application is the Friday of the week following midterm.
6. The student must satisfy all financial obligations with the university.
7. Candidates for graduation must have official transcripts from all previous postsecondary institutions on file in the
In all diploma programs, a minimum of 48-quarter hours of credit is required; however, specific program requirements may vary.

INCOMPLETE POLICY
Students who do not complete all requirements of the course at the time of grading may receive an incomplete grade for the course. Incomplete grades will be given only when unusual circumstances beyond the student's control prevent completion of the work in a particular course. Incomplete grades and arranging for the completion of course work must be approved by the instructor prior to the end of the course. In the absence of extenuating circumstances, remaining course work must be completed within four weeks after the end of the course.

INDEPENDENT STUDY
Although most courses listed in the catalog may be taken by independent study, they are available only under extenuating circumstances. The student must consult with the academic dean to determine if he/she qualifies for an independent study.

In addition, the student must meet the following eligibility requirements:

1. Written approval of the academic dean must be obtained.
2. The student must have a minimum 2.5 cumulative grade point average.
3. The independent study cannot be used to improve an earned grade.
4. The student cannot enroll in an independent study if the course is listed on the on-campus or online class schedule.
5. No capstone course or therapeutic massage program course may be completed by independent study.
6. Indication of academic ability must be evidenced by:
   a. at least one year of successful college experience; or
   b. successful completion of EN1150 or EN1300.

The independent study course will start on the first day of a term and end on the last day of the term. Students are expected to meet with the supervising faculty member at least one hour each week of the term. Independent study forms may be obtained by contacting the academic dean. Students are encouraged to submit forms prior to the start of the quarter. All forms should be submitted by the last day of the add/drop period.

INTERNET POLICY
Open access through computers, networks, and the Internet is a privilege. National American University’s goal in providing this service to our students, faculty and staff is to promote educational excellence by facilitating resource sharing, innovation and communication.

National American University’s e-mail and Internet resources are provided for the sole use of NAU students, faculty, staff and administration. E-mail and Internet records are subject to all existing laws (federal, state and local) as well as the university policies and procedures.

Internet access is coordinated through a complex association of government agencies and regional and state networks. In addition, the smooth operation of the network relies upon the proper conduct of the end users who must adhere to strict guidelines. The guidelines provided here are designed to make students, faculty and staff aware of the responsibilities they are about to acquire. In general, this requires efficient, ethical and legal utilization of the network resources.

If a National American University user violates any of these provisions, his/her account may be terminated and future access could be denied. Depending upon the severity of the situation, abuse of NAU’s e-mail, network, or Internet systems may also result in disciplinary action including suspension from the university.

Netiquette
Users are expected to abide by the generally accepted rules of network etiquette. This includes, but is not limited to, these rules:

1. Be polite - do not use abusive or offensive language in messages to others.
2. Do not reveal your personal address or phone number or those of other students, faculty or NAU employees.
3. Remember that electronic mail (e-mail) is not guaranteed to be private. Those who operate the system do have access to mail. Messages relating to or in support of illegal activities may be reported to the authorities without notification to or permission from the student/employee sending or receiving the message.
4. Do not tie up the network with idle activities or game playing - remember there are many students who need to use the system.
5. Do not plagiarize - cutting and pasting ideas and documents into your own document is very easy to do. Be sure to give credit to the author when using his/her material.

Prohibited Use
The following types of activities are specifically prohibited and may result in administrative action:

1. unauthorized use of any computer account;
2. unauthorized transfer of or entry into a file;
3. using NAU’s network to gain unauthorized access into any computer system;
4. illegal copying of software protected by U.S. copyright law (may also result in civil damages and criminal penalties);
5. using e-mail to threaten or harass others;
6. using the university’s network to access pornography or obscene material and sites displaying the same;
7. activities for the purpose of personal or commercial financial gain including chain letters, solicitation of business or services, sales of personal property, etc;
8. storing, processing or displaying racially offensive, gender offensive or obscene material;
9. using another individual’s account or identity to send or receive e-mail;
10. viewing, damaging or deleting other users’ files or communications without appropriate authorization;
11. posting materials on electronic bulletin boards, which violate existing laws, regulations or National American University policies or codes of conduct;
12. theft, misuse or abuse of computing or networking resources;
13. posting of National American University confidential materials, records or procedures or transmitting the same to unauthorized personnel;
14. sharing of passwords with others.

Vandalism
Vandalism is defined as intentional or negligent damage to computer equipment, software and systems of the university or harming or destroying data of another user, Internet, or other networks. It includes, but is not limited to, the intentional uploading or creation of computer viruses. Vandalism will result in the cancellation of privileges and may result in suspension from the university.

NONTRADITIONAL CREDIT
A student may obtain up to 50 percent of the required credit hours toward graduation from nontraditional methods including: a) experiential learning/portfolio credit awarded by National American University, b) evaluated corporate training certificates, and c) non-transcripted military training. Letter grades are not assigned to nontraditional credit awarded by NAU and are generally not transferable to another institution. Residency requirements are not satisfied through nontraditional credit.

Experiential Learning/Portfolio Credit
Students possessing college-level knowledge and skills resulting from their learning experiences through their trade, business, profession or community involvement are encouraged to apply for portfolio credit. Students are required to write a separate portfolio for each college course for which they are requesting credit. The courses must be National American University courses. A $50 per credit hour portfolio fee is charged for each portfolio.

Credit is granted on the student’s permanent record as portfolio credit. Interested students should contact their academic dean to obtain a copy of the portfolio guidelines.

Corporate Training Certificate Credit
National American University’s corporate training certificate evaluation program is based upon sound education practices for colleges and universities designed in granting academic credit for high-quality educational courses offered by extrainstitutional learning providers, provided that the courses are appropriate to an individual’s academic program.

National American University’s program is founded on the principles and evaluation criteria established by the American Council on Education (ACE), as recommended by the Carnegie Commission on Nontraditional Study. The criteria and procedures that ACE established in 1945 for evaluation of military courses were adapted and extended for use in civilian organizations and are currently administered through the Council’s College Credit Recommendation Service (CREDIT). National American University uses the ACE recommendations to grant credit to students for learning acquired from approved organizations.

Guidelines for awarding credit are as follows:
1. The training must be documented by a signed original certificate or a dated listing from the company training/education officer with an original signature and must include the following:
   a. title or description of the training
   b. date(s) the training was held
   c. the number of contact hours
   d. name of the company conducting the training
2. The certificates will be evaluated by the university and credit may be granted as equivalent to specific National American University courses or for specialty core credit for the applied management degree.
3. Students interested in earning credit through the certificate evaluation process should contact the academic dean for more information.

Military Training Credit
Transcripted military courses are treated the same as courses transferred from a higher education institution. Military course completion certificates which are not recorded on official military transcripts may be evaluated separately and used to complement other military records.

PREREQUISITES
Some courses require successful completion of other specified courses prior to enrollment to help ensure student success. All requests for prerequisite waiver must be submitted to the associate provost/system vice president for curriculum and instruction.

Students enrolled in the National American University School of Nursing should refer to their School of Nursing handbook for guidelines regarding prerequisites.

COURSE REGISTRATION
Beginning dates for specific terms are listed in the university calendar. Registrations are permitted within the first week of a regular quarter for all students and the first week of the eight-week interim term for new students only. Any subsequent changes in a student's registration (including class periods and adding or dropping courses) must be completed on a change of registration form and approved by the student's advisor or the academic dean.
Students registered in a given term are encouraged to register for the following quarter. There are advantages to doing so, including a greater selection of courses.

**REPEATING COURSES**

Any course may be repeated regardless of the letter grade earned. When a course is repeated, the higher grade will be used in computation of the grade point average and the other grade, while remaining on the transcript, will not be computed in the grade point average. For nursing course progression policies, please refer to the school of nursing student handbook.

**RESERVE OFFICER TRAINING (ROTC)**

The ROTC program is designed to provide an understanding of the fundamental concepts and principles of military science and to develop leadership and managerial potential. Students who wish to participate in ROTC while attending National American University should contact the academic dean regarding the availability of ROTC for a particular university campus.

**RESOLUTION OF TRANSFER DISPUTES – TEXAS**

The following procedures shall be followed by NAU in resolution of credit transfer disputes involving lower-division courses:

1. If NAU does not accept course credit earned by a student at another institution of higher education, it will give written notice to the student and to the sending institution that transfer of the course credit was denied, and will include in that notice the reasons for denying the credit. Attached to the written notice will be the procedures for resolution of transfer disputes for lower-division courses as outlined in this section, accompanied by clear instructions outlining the procedure for appealing the decision to the Commissioner.

2. A student who received notice as specified in paragraph (1) above may dispute the denial of credit by contacting a designated official at either the sending or the receiving institution. At NAU the designated official is the dean of academics.

3. The two institutions and the student will attempt to resolve the transfer of the course credit in accordance with Board rules and guidelines.

4. If the transfer dispute is not resolved to the satisfaction of the student or the sending institution within 45 days after the date the student received written notice of denial, the sending institution may notify the Commissioner in writing of the request for transfer dispute resolution, and NAU will notify the Commissioner in writing of its denial and the reasons for the denial.

The Commissioner or the Commissioner’s designee shall make the final determination about the dispute concerning the transfer of the course credit and give written notice of the determination to the involved student and institutions.

The Texas Coordinating Board will collect data on the types of transfer disputes that are reported and the disposition of each case that is considered by the Commissioner or the Commissioner’s designee.

If NAU has cause to believe that a course being presented by a student for transfer from another school is not of an acceptable level of quality, it will first contact the sending institution and attempt to resolve the problem. In the event the two institutions are unable to come to a satisfactory resolution, NAU may notify the Commissioner, who may investigate the course. If its quality is found to be unacceptable, the Board may discontinue funding for the course.

Source Note: the provisions of this are from the Texas Administrative Code, section 4.27 adopted to be effective May 27, 2003, 28 TexReg 4109. Chapter 4, Subchapter B – Transfer of Credit, Core Curriculum and Field of Study Curricula.

**SERVICE MEMBERS OPPORTUNITY COLLEGES**

National American University has been designated as an institutional member of Service Members Opportunity Colleges (SOC). As an SOC member, National American University has committed itself to easing the transfer of relevant course credits providing flexible academic residency requirement of no more than 25% of the total credit hours required for graduation, and credits for learning from appropriate military training and experiences.

**Course Load Policy**

In order to complete a degree in the standard time frame (two years for the associate degree and four years for the bachelor’s degree), the student course load would be about 16 credit hours for three quarters per year. The per quarter course load includes regular, accelerated, online, and independent study courses, as well as externships and internships. A minimum of 12 credits per quarter is required to be considered as a full-time student. Registration for course loads exceeding 18 quarter credits requires a minimum cumulative grade point average and signature as follows:

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<th>Credit Hours</th>
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<th>Signature(s)</th>
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<td>Academic Dean</td>
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<td>23-27</td>
<td>3.0</td>
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REENTRY POLICY

Students who reenter the university after more than four consecutive quarters of absence will be required to enter the university under current program requirements. For nursing readmission guidelines, please refer to the school of nursing student handbook.

An exception to this requirement will be made if the student has four or fewer courses left in his/her program, the reentry is within two years, and the university still offers the program. If the program is a limited enrollment program, the student will be readmitted on a space available basis. Students who leave the university due to military deployment may request special readmittance consideration.

If the student was in academic suspension status when he/she left the university, he/she will be required to appeal his or her status to the campus academic standards committee and his or her re-enrollment is conditioned upon a successful appeal with the committee.

TRANSCRIPTS OF RECORDS

An official transcript is a certified copy of a student’s permanent record that shows the academic status of the student at the time of issuance. The registrar in Rapid City will release transcripts upon formal written request by the student. Requests must include the student’s full name, as recorded while attending National American University; Social Security number or Student ID number; date of birth; campus last attended; current address, telephone number and e-mail address; number of copies desired; last term of attendance (if known); to whom and where the transcripts are to be sent; and the student’s original signature. Transcripts may be withheld because of indebtedness to the university.

1. One copy of an official transcript will be issued to a graduate free of charge.
2. A $10 charge will be assessed for all subsequent official transcripts. A $15 charge will be assessed for same-day processing of any transcript.
3. No charge will be made for official transcripts issued directly to the following agencies:
   a. scholarship agencies (i.e. embassies, BIA)
   b. company/military tuition assistance
   c. exam agencies (i.e. CPA, ABA)
   d. prospective employers
4. There is no charge for an unofficial transcript (computer listing of courses and grades) released to current students.

The following documentation is required for the evaluation of military credit. Military completion certificates may be used to complement other records or when service courses are not recorded on official military transcripts. These certificates must include contact hours.

Military-Air Force

Community College of the Air Force (CCAF) provides transcripts to students with training completed from November 9, 1972, to present for a small handling fee. Active duty personnel or personnel in the Air National Guard or Air Force Reserve may obtain transcripts, as follows:

1. Visit an education services counselor, career and education manager, or training technician to request an official transcript.
2. Send a written request that includes your full name or former name if appropriate, social security number, and the address of the location you want the free transcript to be sent to the following address, using Air Force Form 2099 Request for Community College of the Air Force Transcript. (Your signature is required for release of a transcript.)

   CCAF/DFRS
   100 South Turner BLVD
   Gunter Annex AL 36114-3011.

3. Contact Credentials Inc. by telephone at 1-800-646-1858 or 1-847-446-1027, or through their web site at www.credentials-inc.com

Military—Army

The AARTS (Army/ACE Registry Transcript Service) transcript may be used to document military training and experience. Army enlisted active-duty personnel and veterans who entered the service during or after 1976 may obtain transcripts, as follows:

1. Request online at http://aarts.army.mil
2. Send a written request to the following address:

   Department of the Army
   U.S. Army Human Resources Command
   1600 Spearhead Division Avenue, Department TAGD
   Fort Knox, Kentucky 40122
   Attn: AARTS- DEPT 410
   FAX: (913) 684-9497 (9499) or DSN 552-9497 (9499)
   E-mail: leav-aarts@conus.army.mil

Military—Navy/Marines

Sailor/Marine ACE Registry Transcript (SMART) provides transcripts from 1975 forward. Transcripts may be obtained, as follows:

1. Request online: https://smart.cnet.navy.mil
2. Contact the Navy College Center at 1-877-253-7122 or send an e-mail to: ncc@navy.mil
3. Send a written request to the following address:

   Navy College Center
   VOLED Detachment, Code N27
   Center for Personal Development
   6490 Saufley Field Road
   Pensacola, FL 32509-5204
   Fax: 1-850-452-1281 or (850) 452-1051 DSN FAX (from Military phones) 922-1281 or 922-1051
   Toll-free telephone: 1-877-253-7122

Military—U.S. Coast Guard

Transcripts may be obtained, as follows:
1. Print the request found at http://www.uscg.mil/hq/cgi/downloads/cg_form_1564.pdf
2. Send the completed request to the following address:

   Commanding Officer (ve)
   USCG Institute
   5900 SW 64th Street, Room 228
   Oklahoma City, OK 73169-6991
   FAX: (405) 954-7249

   E-mail: CGI-PF-ed_transcripts@uscg.mil

TRANSFER OF CREDIT

Transfer credit will not be granted for designated capstone courses in the university's academic programs. Credits earned at accredited business or technical schools, colleges, or universities may be transferred to National American University based on comparability of subject matter, applicability of the credit earned to the student's program, and if the student earned a final grade of "C" or better. Credit transfer may be restricted to that which has been completed within a recent time period. Students wishing to transfer credits must see that an official transcript of those credits is sent to the registrar. Transfer credits are also subject to the university's residency requirements.

A student who is enrolled at another university may also enroll for course work at National American University as a special student. It is the student's responsibility to request an official transcript of credits earned at National American University to be sent to the university at which he/she is a candidate for a degree.

Foundational nursing students eligible to receive transfer credits for one or more of their nursing foundation courses have the option to request that National American University not accept transfer credit in one or more of the nursing foundation courses. This request must be made at the time of admission and students must first see their nursing foundational core advisor to be advised regarding National American University’s admission criteria into the nursing clinical core. The decision to reject the transfer of courses into the nursing foundation core is not reversible.

Transferability of Credit Disclosure

Credits earned at National American University may not transfer to another educational institution. Credits earned at another educational institution may not be accepted by National American University. You should obtain confirmation that National American University will accept any credits you have earned at another educational institution before you execute an enrollment contract or agreement. You should also contact any educational institutions that you may want to transfer credits earned at National American University to determine if such institutions will accept credits earned at National American University prior to attending a college, university, vocational school or technical school. The ability to transfer credits from National American University to another educational institution may be very limited. Your credits may not transfer and you may have to repeat courses previously taken at National American University if you enroll in another educational institution. You should never assume that credits will transfer to or from any educational institution. It is highly recommended and you are advised to make certain that you know the transfer of credit policy of National American University and of any other educational institutions you may in the future want to transfer the credits earned at National American University before you execute an enrollment contract or agreement.

VETERANS UPWARD BOUND (RAPID CITY CAMPUS)

The purpose of the Veterans Upward Bound program is to provide educational assistance to qualified veterans for the improvement of their educational skills prior to attending a college, university, vocational school or technical school. The program is free to qualifying veterans with all supplies, instructional materials, and academic services provided at no cost. Classes are available each quarter in reading, writing, math and basic computer.

Eligibility requirements are as follows:

1. Provide a copy of the DD Form 214 and the most recent 1040 tax return.
2. Must be discharged after January 31, 1955 and have served 181 days of active duty in the U.S. military or be service connected disabled.
3. Discharged other than dishonorable.

Services available include:

1. Academic refresher courses
2. Tutoring and study skills
3. Career exploration
4. Preparation for college
5. Educational, career and cultural field trips
6. Academic advising and assistance
7. Assistance for completion of financial aid and scholarship applications
8. Referral to veterans support agencies and resources

Western Nebraska Community College, Scottsbluff, NE is affiliated with National American University, Rapid City, SD, to bring the Veterans Upward Bound program to western South Dakota. Veterans Upward Bound is funded under Title IV of the Higher Education Act of 1965 with Western Nebraska Community College being the recipient of the grant.

For additional information about this program at the Rapid City campus, contact the Veterans Upward Bound representative at 605-394-5002 or toll-free at 1-888-559-9622.

WITHDRAWAL POLICY

Students may voluntarily withdraw or be administratively withdrawn from courses. Students withdrawing before the end of the add/drop period will have the course removed from their transcript and tuition will not be charged. Students who officially withdraw after the end of the add/drop period but
before 60 percent of the academic term has elapsed will receive a "W" on their transcripts. The student’s grade point average will not be affected by the "W" grade on the transcript, however the credits will count toward cumulative credits attempted.

Students who have completed more than 60 percent of the academic term may not be withdrawn from a course. Please refer to the academic calendar for withdrawal deadlines for each academic term. For additional nursing program withdrawal procedures, please refer to the school of nursing student handbook.
SATISFACTORY ACADEMIC PROGRESS POLICY

GENERAL
All National American University students including on-campus and online students must make satisfactory academic progress toward their educational objective. Satisfactory academic progress is measured qualitatively and quantitatively, and measurements include cumulative results during periods when Title IV aid was and was not received.

1. Qualitative Progress
   a. The student must maintain a specified cumulative grade point average (CGPA) consistent with the university’s graduation requirements.
   b. For a given number of credit hours attempted plus transfer credit hours, the minimum CGPAs according to the number of credits required for the program are listed in the National American University Satisfactory Academic Progress Table in this catalog.
   c. Satisfactory (S), Unsatisfactory (U), Incomplete (I), Withdrawal (W), and Withdrawal-Fail (WF) grades are not used in calculating the CGPA.
   d. When a course is repeated, the highest grade achieved will be used in calculating the CGPA.
   e. The CGPA requirements listed in the National American University Satisfactory Academic Progress Table apply to full-time and part-time students.
   f. Transfer credits accepted by National American University are not used in the calculation of the student's National American University CGPA, but are added to the number of credit hours attempted when locating the minimum CGPA on the National American University Satisfactory Academic Progress Table. For example: A student completing a bachelor’s degree of 186 credit hours with 60 transfer credits and 20 credits attempted must have a CGPA of 1.28 or better. This will ensure the student has a 2.0 or better CGPA by the end of his/her maximum time frame.

2. Quantitative Progress
   a. The student must also successfully complete 66.67% of all credit hours attempted at National American University. Transfer credits are not used in the calculation of the successful completion rate. For example, 24 credit hours earned/36 credit hours attempted = 66.67%. (This calculation is rounded to two decimal places.)
   b. The grades of "A", "B", "C", "D" and S indicate successful completion. Credit is awarded. The grades of "F", "I", "W", "WF" and "U" indicate a lack of successful completion. No credit is awarded.
   c. The student must complete his/her academic program within the maximum specified time. At National American University the maximum time frame is 1.5 times the standard program length for students making normal academic progress.

   1. For example, a student completing a bachelor’s degree of 186 credit hours may attempt 279 credit hours to complete that degree. (186 credit hours x 1.5 = 279 credit hours).
   2. A student completing an associate degree of 93 credit hours may attempt 139.5 credit hours to complete that degree. (93 credit hours x 1.5 = 139.5 credit hours).
   3. A transfer student at National American University must complete his/her program of study within 1.5 times the number of credit hours to be completed at National American University. For example: A student completing a bachelor’s degree of 186 credit hours and transferring in 60 credit hours may attempt 189 credit hours to complete that degree. [(186 credit hours - 60 transfer credit hours) x 1.5 = 189 credit hours].

SATISFACTORY ACADEMIC PROGRESS STANDARDS
Satisfactory Academic Progress Standards are administered by the Academic Standards Committee at each campus, which is composed of administrative staff and faculty as applicable. Actions taken by the Academic Standards Committee affect not only the student’s academic status but also his/her financial aid eligibility.

Satisfactory academic progress for all students including on-campus and online students will be evaluated when the student has cumulatively attempted 12 or more credit hours and incrementally every academic quarter the student attends thereafter. Each student’s status will be evaluated only once per quarter and will not be reevaluated until the next quarter attempted even if prior grades should be changed. To graduate, students must successfully complete the required number of program credit hours and have a CGPA of 2.0 or higher at the end of their academic program.

SATISFACTORY ACADEMIC PROGRESS STATUS
A student’s satisfactory academic progress status applies for all NAU campuses. This status remains even during periods of non-enrollment. The Satisfactory Academic Progress Policy sets forth the following academic and financial aid status definitions:

1. Good Standing Status-In general this means the following:
   a. The student has successfully completed a minimum of 66.67% of the credit hours attempted.
   b. The student has a (CGPA) equal to or greater than the "minimum CGPA" value listed in the National
American University Satisfactory Academic Progress Table. (For example, if a student has attempted 85 to 96 credit hours with no transfer credit hours in a 93-hour program, the student's CGPA must be 1.75 or higher.)

c. The student has not exceeded his/her maximum time frame.

2. **Probation Status** - Students who fall below the minimum CGPA listed in the National American University Satisfactory Academic Progress Table for the hours they have attempted or who fail to successfully complete 66.67% of the credit hours attempted will be placed in probation status. Students placed in this status will be given one quarter of attendance to improve the deficiency to Good Standing Status or above. Students on probation status are normally held to a 13.5 credit per quarter maximum enrollment. Financial aid will be disbursed to eligible students in this status.
   a. At the end of the probation status quarter, students who improve the deficiency to Good Standing Status or above will be returned to Good Standing Status.
   b. At the end of the probation status quarter, students who do not improve the deficiency to Good Standing Status or above (even if they have shown improvement but not up to Good Standing Status) will be placed in suspension status.

3. **Suspension Status** - Students who do not return to Good Standing Status after one quarter of attendance at a Probation Status will be placed in Suspension Status.
   a. A suspended student **may not enroll** the quarter immediately following the assignment of the suspension status or receive federal or NAU financial aid.
   b. Students in Suspension Status must have a successful appeal to re-enter NAU. See Appeals for specifics regarding appeals.
   c. Students in Suspension Status stay in Suspension Status until they have a successful appeal, no matter how many quarters of non-enrollment have passed.

4. **Provisional Readmission Status** - Students who have been approved by appeal to a Provisional Readmission Status are not eligible for Federal Financial Aid. They are eligible for NAU Financial Aid or other non-federal aid depending on the individual aid's criteria specifics. A suspended student is eligible for provisional readmission **after the one-quarter non-enrollment suspension period and a successful appeal if:**
   a. The student meets the readmission stipulations as set by the Academic Standards Committee; and
   b. It is evident that the student can progress toward a successful completion of the educational objective.

5. **Maximum Time Frame Status** - Students who have exceeded the maximum time frame in their program will not be eligible for further federal financial aid disbursements but may continue to enroll with other payment arrangements.

**Notification**

Students who are placed on or removed from probation status, suspension status, provisional readmission status, or who have exceeded the maximum time frame will receive a notification letter stating their academic and financial aid status.

**Appeals**

Students may appeal their suspension status to the Academic Standards Committee.

1. Appeals must be submitted to the Academic Standards Committee no later than the last day of the first week of the quarter for which the student wishes to enroll.
2. Appeals will be in writing and preferably with the student also present at the appeal committee meeting. Please see an Academic Dean to obtain the Appeal for Reinstatement from Suspension form.
3. Appeals are made to the campus the student intends to enroll at; regardless of the NAU campus the student has previously attended.
4. Appeals will be considered on a case-by-case basis.

For specific details on the appeals process please see an academic dean.

If the appeal is approved student may be moved to a Provisional Readmission Status or a Probation Status. See previous for a definition of these statuses.

1. Suspended students who did not show improvement of their deficiency area during their Probation Status or who did not have extenuating circumstances:
   a. may after one quarter of non enrollment be approved to re-enter NAU.
   b. may be approved to a Provisional Readmission Status.
2. Suspended students who show improvement of their deficiency area during their Probation Status or who had extenuating circumstances (Extenuating circumstances can be, but are not limited to; incomplete grades that are now completed, medical conditions, and death in the immediate family):
   a. may appeal immediately or anytime thereafter, without one quarter of non enrollment.
   b. may be approved to a Provisional Readmission Status or a Probation Status.

**Reinstatement of Financial Aid Eligibility**

Students who have lost eligibility for financial aid as a result of satisfactory academic progress deficiency can be reinstated by improving their status according to the standards of satisfactory academic progress, or with improvement of their deficiency area or extenuating circumstances through the appeals process. (See Appeals)

**Transfer of Credit**

See Block Transfer Policy and Transfer of Credit in this catalog for information on transferring credits from an accredited college, vocational school, or university. Grades received from credits that are transferred are not computed into the CGPA earned for credits taken at National American
University or in the successful completion rate. Transfer credits are used to locate the minimum CGPA on the National American University Satisfactory Academic Progress Tables and in calculating the maximum time frame.

All students entering National American University begin in Good Standing Status and are evaluated when they have cumulatively attempted 12 or more credits hours and incrementally every academic quarter they attend thereafter.
**Satisfactory Academic Progress Table**  
(Minimum Cumulative Grade Point Average)

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National American University’s Distance Learning program is excited to offer students the opportunity to participate in online courses using one of the most advanced and reliable delivery systems available. The university’s online courses give students the opportunity to experience an enhanced learning environment, which transcends the traditional limitations of time and location. Students have access to “learning on demand” literally 24 hours a day from anywhere that has access to the Internet, locally, regionally or globally. In selected classes, students will also be able to access live lectures over the Internet using an advanced, real-time learning system.

Online students can expect to receive the same high-quality educational experience students have come to expect from National American University. As with NAU’s traditional on-site courses, instructors are experienced professionals with both appropriate academic credentials and professional real life experience. In addition to quality academic programs, students also have access to outstanding technical and student services support. The combination of cutting edge technology and solid online instruction gives students the opportunity to achieve more in their academic program and career.

**ADMISSIONS**

It is recommended that applicants visit the National American University Web page at www.national.edu/locations/online. Students may request additional information at that site or contact the department of Distance Learning at 1-800-209-0182 or e-mail info@national.edu.

**Instructions for Applying for Admission**

The regular admission procedure requires that students:

1. Apply for admission online. The application can be found at www.national.edu/locations/online.
2. Submit the $25 application fee.

**International Admission**

National American University encourages diversity within its student body, and international students from many countries study through the Best of Both Worlds – IDP(TM) program at international affiliate campuses and study online.

**Admissions**

International student applicants who wish to study in the National American University undergraduate program through an affiliate college or university outside the United States or who wish to pursue their undergraduate studies entirely online must satisfy the following criteria for admission:

1. Complete and submit a Best of Both Worlds Program – IDP™ Online Application for Admission. See https://services.national.edu/registration/BOBWApp.aspx.
2. Pay a one-time, non-refundable application fee of $25 at the time of application. The fee may be waived for students from higher education institutions with which National American University has an affiliation agreement.
3. All applicants for admission must affirm their completion of secondary-level education in the online admissions application. All applicants must subsequently provide evidence of secondary and/or post-secondary education through satisfaction of one of the following requirements:
   a. Provide an official academic transcript or marks sheet indicating graduation from a secondary-level education institution. Diplomas, transcripts, and/or certificates related to government examinations must show the subjects passed and grades/marks received. All records should be submitted in the original language, and credentials in languages other than English must be accompanied by a certified English translation. Translations should be literal and not interpretive. A key to the marking system or grading scale should also be included if it is not indicated on the transcript.
   b. Provide an official transcript that indicates completion of a post-secondary program of at least two years in length with a minimum cumulative grade point average of 2.0/4.0 or the equivalent from (i) an international higher education institution that is approved by the country’s national ministry of education or appropriate approval body or (ii) an accredited U.S. higher education institution. Transcripts should show marks and credits earned for all post-secondary work. All records should be submitted in the original language, and credentials in languages other than English must be accompanied by a certified English translation. Translations should be literal and not interpretive. A key to the marking system or grading scale should also be included if it is not indicated on the transcript.
   c. Provide an official General Educational Development (GED) examination report demonstrating passing marks for the overall examination. In exceptional cases, an applicant may provide an official examination report from another test identified by National American University that demonstrates passing marks for the overall examination.

A student applicant that has been accepted by an NAU international affiliate but who has not satisfied this admissions requirement may enroll for up to six months as a provisionally accepted, degree-seeking student, until the point at which the student satisfies the admissions requirement through (a) (b) or (c) above.

4. All applicants whose secondary-level education was conducted in a language other than English must...
demonstrate proficiency in English through satisfaction of one of the following requirements:

a. Provide an official Test of English as a Foreign Language (TOEFL) score report indicating a minimum score of 500 for a paper-based exam, 173 for a computer-based exam, or 61 for an Internet-based exam. The TOEFL must have been taken within the past two calendar years. Official test scores must be sent from the testing agency to National American University. When ordering TOEFL test results, include the university’s school code of 6464.

b. Provide an official International English Language Testing System (IELTS) score report with an overall minimum score of 5. The IELTS must have been taken within the past two calendar years. Official test scores must be sent from the testing agency to National American University.

c. Provide evidence of completion of two semesters (or equivalent) of college-level English (excluding ESL courses) with a grade of "C" or higher at (i) an international higher education institution that is approved by the country’s national ministry of education or appropriate approval body or (ii) an accredited U.S. college or university.

d. Provide other evidence of English language proficiency as deemed appropriate by National American University.

A student applicant that has been accepted by an NAU international affiliate but who has not satisfied this admissions requirement may enroll for a period of time determined at the university’s sole discretion as a provisionally accepted, degree-seeking student, until the point at which the student satisfies the admissions requirement through (a) (b) (c) or (d) above.

In those circumstances where a student’s secondary-level education was conducted in English, NAU reserves the right to require additional proof of English language proficiency, including through tests of English language proficiency as enumerated above.

In the event that students accepted for study online or through a National American University international affiliate wish to enroll in campus-based courses in the United States, students will be required to satisfy additional requirements as follows:

1. Complete the International Student Application for Admission. The prevailing international application fee will be waived for students who have previously been accepted to a National American University degree program.


3. International students are required, as part of the application process, to show sufficient funding to cover tuition, fees, and living expenses through the duration of their studies. The amount and source of funds are also shown on the Certificate of Eligibility (I-20) required for application for an F-1 visa.

4. Students planning to bring a spouse and/or children to the United States are required to demonstrate the availability of additional funds to support those individuals.

Students requesting the Form I-20 to apply for an F-1 visa to enter the U.S. to attend National American University must fulfill all the aforementioned international admissions requirements. Upon acceptance by and approval from the university, Form I-20 will be issued to eligible students.

Additional documentation in support of an applicant’s candidacy may be requested as deemed necessary by National American University. The university reserves the right to reject documentation and to request verification of documents as necessary. Admissions documentation will be considered the property of the university and will not be returned to the applicant (some exceptions may apply). NAU reserves the right to reject any and all student applicants.

**SELF-DIRECTED LEARNER/ACCOUNTABILITY STATEMENT**

Students enrolled in online courses will be expected to complete a significant portion of their course work independent of direct faculty supervision. Due to the nature of online learning, the instructor’s role will be that of a facilitator and guide. In that role, the instructor will provide the student with guidelines and learning activities, and will offer feedback and evaluation as the student proceeds with the course.

Success depends upon the individual student’s self-motivation and ability to undertake independent study. Experience has shown that some students fail to realize the degree of effort and time that is required to successfully complete the course(s). Based upon the foregoing, National American University requires that students carefully review and submit a Statement of Accountability, which specifically identifies their commitment to success in self-directed study.

**FINANCES**

All charges are due and payable on or before the first day of each new quarter. Advance payment by mail or other means is advised. Financial aid is available for those students who qualify. Tuition and fee charges are subject to change without notice. Drafts and checks should be made payable to National American University.

Government sponsored or subsidized programs are generally not available to international students. International students should consult their country’s consul or ambassador for educational benefits sponsored by their home country.

**LEARNER SERVICES**

NAU’s dedicated staff of learner services advisors provide online students with easy access to convenient services. As a member of our online community, students receive personal
guidance throughout their educational journey including academic advising, success coaching, technical support, course navigation, and additional support services. Learner Services Advisors can be reached through e-mail at uservices@national.edu or by phone at 1-800-548-0602.

Online Orientation
National American University’s online orientation introduces students to BlackBoard, the software program used by National American University to distribute all online courses. The online orientation familiarizes the student with the process of submitting assignments, participating in discussions, and communicating with the instructor online.

Tutoring Services
Tutoring services for selected courses are available for students taking online courses. To request tutoring services students should contact their campus academic dean or academic advisor.

Technical Support
Technical support is available for students taking online courses. Students experiencing technical problems are encouraged to contact NAU Technical Support at nausupport@national.edu.

Learning Resource Center
National American University’s Learning Resource Center (LRC) assists and supports students, faculty and staff in achieving success in their academic programs and careers through the development and maintenance of current and timely information in a variety of formats. Distance learning students, faculty and staff have access to the National American University online resource center via the student portal or faculty portal. Electronic, searchable full-text databases available include ProQuest Direct, EbscoHost, Infotrac, FirstSearch, NetAdvantage and Westlaw.

ACADEMICS
Through the online campus, students are able to attend college courses at places and times that are convenient to them.

Course enrollments are limited and may consist of learners from around the world. Students and faculty members interact with each other in a virtual campus environment.

Students may connect to the online campus 24 hours a day, seven days a week to upload work completed off-line or download materials that have been updated since the student’s last connect time. Additionally, students and faculty may communicate in real-time.

Online learning requires a high-level of commitment and motivation from both faculty and students. Students must be committed to:

1. read the assigned material;
2. participate three to five times per week with class members and the instructor; and
3. complete quizzes, tests, case studies, and other written assignments.

This commitment equates to approximately eight to 12 hours per week, per class.

Individuals interested in participating in online courses must have access to an Internet connection via an ISP (Internet Service Provider), a computer, e-mail software, word processing software, and an Internet browser.

Individuals interested in learning more about the online courses and distance education should visit National American University’s Web site at: www.national.edu/locations/online.

Attendance
Attendance is taken each week in the online classes. Students are counted as present if they successfully log into each course within the online learning management system.

Regular attendance and participation in online classes is critical to each student’s academic success. Failure to attend and participate in class in a consistent fashion will not only affect a student’s academic performance, but may also result in:

1. academic warning,
2. academic withdrawal,
3. administrative withdrawal, and/or
4. financial aid complications.

Attendance in an electronic distance learning course can be verified through the student’s access to the secured host site. As a result, the student’s last date of attendance is permanently recorded through the learning management system.

A student’s weekly involvement in course activities can be measured by active participation in the academic endeavor. Students who do not participate in class in a consistent fashion will jeopardize their academic standing.

Certificates of Completion
Through its international Best of Both Worlds – IDP(TM) affiliations, National American University offers certificates of completion for course work designed to meet the specific needs of learners and employers in select foreign countries. These certificates of completion are not available to students in the United States.

Test Proctoring
To help ensure the academic integrity of the examination process at NAU, each online student is required utilize the test proctor system, which ensures that a verified, neutral, third person administers certain formal examinations in the student’s online courses. Students are able to complete their online, proctored final exams using a web cam in the virtual presence of a proctor.
Mission and Philosophy
The mission of the General Education Core Curriculum (GECC) at National American University is to instill in its graduates an appreciation for and an understanding of certain broad aspects of human knowledge and experience and to promote a life of learning. Regardless of professional goals, each student will have the opportunity to develop the knowledge and skills important for college-educated adults through a core curriculum that emphasizes the fields of communication, the humanities, natural sciences, mathematics, the social and behavioral sciences, and information/technology literacy.

Program Goals
The broad intellectual foundation offered through the General Education Core Curriculum prepares graduates to meet university learning outcomes by encouraging them to:
1. develop a general knowledge of the humanities, science, mathematics, and social and behavioral sciences in order to understand the world and its cultures.
2. apply the skills of inquiry and analysis, quantitative literacy, problem solving and critical thinking.
3. communicate effectively through writing, speaking, reading, and listening.
4. employ computer skills and information literacy.
5. work cooperatively with and lead others to evaluate a situation and institute priorities for solving a problem or accomplishing a task.
6. demonstrate the knowledge and skills necessary to pursue excellence in professional, social, and cultural roles in an increasingly diverse and interdependent society.
7. initiate, adapt to, and adopt innovation and change.
8. develop and practice ethical behaviors and values.
9. demonstrate the capacity and motivation for lifelong learning.

The General Education Core Curriculum is an integrated collection of courses required of all students that provides a common base of knowledge – a general education – in addition to the knowledge and skills acquired in the student’s major field. Students graduating from degree programs at National American University must complete the GECC, which in most instances comprises approximately one-third of a degree program. Students are responsible for working closely with their academic advisors to ensure that individual program requirements are met.
ACADEMIC PROGRAMS

Accounting
Allied Health
  Healthcare Coding Diploma
  Health Information Technology
  Medical Administrative Assistant
  Medical Assisting
  Medical Staff Services Management
  Pharmacy Technician
  Therapeutic Massage
Arts and Sciences
  General Education Studies
Athletic Training
Business
  Applied Management
  Business Administration
  Business Administration emphasis Accounting
  Business Administration emphasis Financial Management
  Business Administration emphasis Human Resource Management
  Business Administration emphasis Information Systems
  Business Administration emphasis International Business
  Business Administration emphasis Management
  Business Administration emphasis Marketing
  Business Administration emphasis Pre-Law
  Business Administration emphasis Tourism and Hospitality Management
Criminal Justice
Health and Beauty Management
Healthcare Management
Information Technology
  Applied Information Technology
  Information Technology
  Information Technology emphasis Internet Systems Development
  Information Technology emphasis Management Information Systems
  Information Technology emphasis Network Administration/Microsoft
  Information Technology emphasis Network Management/Microsoft
Legal Studies
  Business Administration emphasis Pre-Law
  Paralegal Studies
Nursing
Organizational Leadership
Veterinary Technology
  Veterinary Assisting Diploma
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<th>Academic Programs</th>
<th>Colorado</th>
<th>Kansas</th>
<th>Minnesota</th>
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* General education courses for the online RN to BSN program are offered at this campus. HA 4050 and the Nursing Major Core must be completed through the distance learning program.
* General education courses for the nursing program are offered at this campus. The Nursing Clinical Core must be completed at a campus approved to offer the full nursing program.
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* This program is approved only through agreements with distance learning affiliates.
* Only 49% of this degree may be completed at the Education Center; the remaining courses must be completed through the distance learning program or at another campus as available.
<table>
<thead>
<tr>
<th>Course</th>
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ACADEMIC PROGRAMS | Accounting

ACCOUNTING

Accounting: Bachelor of Science Degree

According to the Bureau of Labor Statistics (2008-09), most jobs in the field of accounting are held by individuals holding a bachelor’s degree in accounting. Individuals who attain professional certification may have even greater opportunities. Economic growth and recent corporate scandals have increased the demand for well-qualified accounting graduates. The employment of accountants and auditors is expected to grow faster than the general employment average rate.

Given these trends, National American University offers a bachelor’s degree in accounting that focuses on providing graduates with the fundamental competencies necessary to enter this growth profession. Course work focuses on the skills necessary to successfully pass the Certified Public Accountant (CPA) exam. Many states also require additional education requirements beyond the bachelor’s degree for certification as a CPA. This degree program can be combined with additional undergraduate course work or the Master of Business Administration program to satisfy most state requirements.

Program Goals

The program will:

• create a caring and supportive learning environment that promotes academic excellence and student achievement through the use of a performance-based curriculum while being responsive to the individual needs of the student.

• promote the importance of professional development and lifelong learning for students.

• provide students with opportunities to develop a deeper understanding of the issues and challenges presented by a dynamic and rapidly evolving global business environment.

• cultivate a greater awareness of and sensitivity to cultural diversity, social responsibility, and ethical decision-making in students.

• provide faculty and staff an opportunity for professional growth and development.

• provide excellent customer service for all constituencies.

• optimize operational effectiveness through a continuous quality-improvement process.

Student Learning Outcomes

Graduates of the program will:

• demonstrate an ability to utilize generally accepted accounting principles and managerial/cost accounting practices.

• utilize critical thinking skills to analyze practical accounting problems and financial statements consistent with real world situations.

• demonstrate proficiency in both written and oral communication.

• adhere to ethical guidelines governing the conduct of accountants.

• efficiently utilize current technology in accounting activities and analysis.

• recognize the value of lifelong learning and the importance of participating in professional organizations.

• integrate international operations into the accounting process.

• demonstrate an ability to utilize taxation regulations and auditing practices.

• be prepared for employment responsibilities and certification testing.

Accounting: Bachelor of Science Degree Requirements

189 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown and Wichita. This program is also offered through NAU’s distance learning program. Some or all of the emphasis area courses may not be offered at the student’s home campus.

Accounting Major Core Credit Hours

(A minimum of 36 of the following 57 credits must be earned at NAU.)

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<th>Credit Hours</th>
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<td>AC3100</td>
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<td>AC3200</td>
<td>Cost Accounting</td>
<td>4.5</td>
</tr>
<tr>
<td>AC3400</td>
<td>Federal Income Tax I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC3450</td>
<td>Federal Income Tax II</td>
<td>4.5</td>
</tr>
<tr>
<td>AC3560</td>
<td>Accounting Information Systems</td>
<td>4.5</td>
</tr>
<tr>
<td>AC4050</td>
<td>Advanced Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC4100</td>
<td>Advanced Accounting II</td>
<td>4.5</td>
</tr>
<tr>
<td>AC4140</td>
<td>Advanced Accounting III</td>
<td>4.5</td>
</tr>
<tr>
<td>AC4200</td>
<td>Auditing I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC4250</td>
<td>Auditing II</td>
<td>4.5</td>
</tr>
<tr>
<td>AC4290</td>
<td>Accounting Case Analysis**</td>
<td>3</td>
</tr>
<tr>
<td></td>
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<td>**57</td>
</tr>
</tbody>
</table>

Support Core

AC1060  Principles of Accounting I  4.5
AC1160  Principles of Accounting II 4.5
AC1260  Principles of Accounting III 4.5
EC2050  Macroeconomics               4.5
EC2100  Microeconomics               4.5
FN3000  Business Finance I           4.5
LA3100  Business Law                 4.5
MG1050  Principles of Marketing      4.5
MT2050  Principles of Management     4.5
MT4200  Business Ethics              4.5
MT4210  Quantitative Analysis        4.5
MT4440  Business Management Review   3
MT4450  Strategic Management **      4.5

**57
Accounting: Associate of Applied Science Degree

The Associate of Applied Science in Accounting program provides specialized education for various entry-level positions in the accounting profession. The program is designed for easy transfer into the bachelor's degree program in accounting.

Graduates of this program may find employment as accounting technicians, payroll clerks, bookkeepers or clerical assistants in business, government, or nonprofit organizations. With experience, the graduate may also qualify for more advanced positions, such as payroll supervisor, lead accountant or tax specialist.

Program Goals
The program will:

• create a caring and supportive learning environment that promotes academic excellence and student achievement through the use of a performance-based curriculum while being responsive to the individual needs of the student.

• promote the importance of professional development and lifelong learning for students.

• provide students with opportunities to develop a deeper understanding of the issues and challenges presented by a dynamic and rapidly evolving global business environment.

• cultivate a greater awareness of and sensitivity to cultural diversity, social responsibility, and ethical decision-making in students.

• provide faculty and staff an opportunity for professional growth and development.

• provide excellent customer service for all constituencies.

• optimize operational effectiveness through a continuous quality-improvement process.

Student Learning Outcomes
Graduates of the program will:

• demonstrate an ability to utilize generally accepted accounting principles and managerial/cost accounting practices.

• utilize critical thinking skills to analyze practical accounting problems and financial statements consistent with real world situations.

• demonstrate proficiency in both written and oral communication.

• adhere to ethical guidelines governing the conduct of accountants.

• efficiently utilize current technology in accounting activities and analysis.

• recognize the value of lifelong learning and the importance of participating in professional organizations.

• integrate international operations into the accounting process.

Open Elective 9

General Education Core (66)

General Education (31.5) (Available for block transfer) ##

Communications

EN1150 Composition I 4.5

Science

Science Electives 9

Humanities

Humanities Electives 9

Behavioral/Social Science

Behavioral/Social Science Electives # 9

General Education (34.5) (Course-by-course transfer)

Communications

EN1300 Composition II 4.5
EN2100 or Speech or
EN2150 Interpersonal Professional Communications 4.5
EN3050 Technical Communications 4.5 13.5

Mathematics

MA2050 College Algebra 4.5
MA3000 Business Statistics 4.5 9

General Education

CS1500 Strategies for Success 4.5
CS2080 Career Management 3 7.5

Computer Literacy

Introduction to CIS or CI Elective 4.5 4.5

**Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.

Students residing in the state of Texas:

## Block transfer is not available to these students

Residents of the state of Minnesota or students attending any Minnesota campus:

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

## Block transfer is not available to these students.

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Accounting Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)
Accounting: Associate of Applied Science Degree
Requirements
93 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Rapid City, Rio Rancho Roseville, Sioux Falls, Watertown and Wichita. This program is also offered through NAU’s distance learning program. Some or all of the emphasis area courses may not be offered at the student’s home campus.

Accounting Major Core
(A minimum of 18 of the following 31.5 credits must be earned at NAU.)

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
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</tr>
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<td>Principles of Accounting II</td>
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<tr>
<td>AC1260</td>
<td>Principles of Accounting III</td>
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</tr>
<tr>
<td>AC2050</td>
<td>Accounting Software Applications</td>
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</tr>
<tr>
<td>AC3050</td>
<td>Intermediate Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC3100</td>
<td>Intermediate Accounting II</td>
<td>4.5</td>
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<tr>
<td>AC3150</td>
<td>Intermediate Accounting III</td>
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Support Core

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<tr>
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</tr>
<tr>
<td>MG1050</td>
<td>Principles of Marketing</td>
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</tr>
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<td>MT2050</td>
<td>Principles of Management</td>
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Business*/Accounting/CI Electives

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General Education Core (39)

Communications

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<td>Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or</td>
<td>Speech or</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2150</td>
<td>Interpersonal Professional Communications</td>
<td>4.5</td>
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Science

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<td>Science Elective</td>
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Mathematics

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</thead>
<tbody>
<tr>
<td>MA</td>
<td>Algebra Elective</td>
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<td></td>
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<td><strong>4.5</strong></td>
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</table>

Humanities/Behavioral/Social Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Humanities/Behavioral/Social Science Elective</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>4.5</strong></td>
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</tbody>
</table>

General Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
<td>4.5</td>
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CS2080 Career Management 3

Computer Literacy

<table>
<thead>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Introduction to CIS or CI Elective</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Accounting Major Core. See the “Graduation Requirements” section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)
ALLIED HEALTH

Health Information Technology: Associate of Applied Science Degree

The health information technology program is designed to provide students with a solid foundation in analytical, technical and management skills associated with health information. Through practical approaches and professional domains, students will acquire the essential entry-level competencies to support the principles and management of health information and technologies.

The health information technology occupation is one of the fastest growing professions in one of the fastest growing industries. Health information professionals provide reliable and valid information that drives health care. Health information technicians are specialists in managing medical records, coding and reimbursement, and possess the skills to critically think and problem solve. These professionals play a key role in preparing, analyzing and maintaining health records and are considered experts in assuring the privacy and security of health data.

The health information field is increasingly focusing on electronic patient records, database management and information privacy and security. HIT professionals work in a variety of settings, such as hospitals, physician practices, long-term care, home health care, insurance, managed care, health technology firms, and pharmaceutical companies.

The health information technology program is pending accreditation review by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).

Program Goals
The program will:

• provide the knowledge to meet entry-level HIT learning competencies.
• provide students with the fundamental knowledge to collect, analyze, and maintain health information.
• provide students with an understanding of the ethical and regulatory issues within the health information management profession.
• provide students with an understanding of current laws, accreditation, licensure, and certification standards related to health information.
• provide the knowledge to apply basic skills in technology and application software to ensure appropriate use, storage and retrieval of health information.
• provide the basic skills for coding diagnoses and procedures.
• provide students with the necessary skills to develop oral and written communication skills.

Student Learning Outcomes
The graduates of the program will:

• demonstrate knowledge to collect, analyze, and maintain health record content.
• apply healthcare laws, regulations and ethics to the process of releasing medical information.
• demonstrate accurate coding skills and utilization of coding software.
• apply knowledge of accreditation and licensing standards.
• demonstrate basic skills in performance improvement, total quality management, and quality assurance activities.
• demonstrate skills in the entry and retrieval of health information, using an electronic record system or imaging record technology.
• support healthcare data analysis and management using applications software.
• use database tools to manage health data and information.
• demonstrate an understanding of the healthcare billing and reimbursement process.
• Demonstrate skill in organizing and supporting administrative activities.
• Show proficiency in written and oral communication.

Health Information Technology: Associate of Applied Science Degree Requirements

99 Credits

Offered through NAU’s distance learning program. The blended delivery format is offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita, and Zona Rosa and requires students to complete the Health Information Technology Core through NAU’s distance learning program.

Health Information Technology Major Credit Hours Core

(A minimum of 27 of the following 54 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>HA3010D*</td>
<td>Introduction to US Healthcare Delivery</td>
<td>4</td>
</tr>
<tr>
<td>HA3220D*</td>
<td>Health Information Systems</td>
<td>4</td>
</tr>
<tr>
<td>HT1100D*</td>
<td>Introduction to Health Information Management</td>
<td>3</td>
</tr>
<tr>
<td>HT2110D*</td>
<td>International Classification of Diseases Coding I with Lab</td>
<td>3</td>
</tr>
<tr>
<td>HT2120D*</td>
<td>International Classification of Diseases Coding II with Lab</td>
<td>3</td>
</tr>
<tr>
<td>HT2130D*</td>
<td>Current Procedural Terminology Coding with Lab</td>
<td>3</td>
</tr>
<tr>
<td>HT2210D*</td>
<td>Healthcare Data Quality and Management</td>
<td>4</td>
</tr>
<tr>
<td>HT2230D*</td>
<td>Healthcare Reimbursement</td>
<td>3</td>
</tr>
<tr>
<td>HT2240D*</td>
<td>Health Information Management and Supervision</td>
<td>3</td>
</tr>
</tbody>
</table>
HT2500D  Health Information Technology Practicum  6
ME1150*  Medical Terminology  4
ME2211*  Human Pharmacology  4
ME2250*  Medical Law and Ethics  4
ME2510*  Essentials of Pathophysiology I  3
ME2520*  Essentials of Pathophysiology II  3

General Education Core (45)

Communications
EN1150  Composition I  4.5
EN1300  Composition II  4.5
EN2100 or Speech or
EN2150  Interpersonal Professional Communication  4.5

Science
SC1221*  Essentials of Anatomy and Physiology w/Lab or
SC1222D*  Essentials of Anatomy and Physiology  6

Mathematics
Algebra Elective  4.5

Humanities
HU2000  Critical Thinking and Problem Solving  4.5

Behavioral/Social Science
Behavioral/Social Science Elective  4.5

General Education
CS1500  Strategies for Success  4.5
CS2080  Career Management  3

Computer Literacy
CI1150  Introduction to CIS or CI Elective  4.5

* Professional course (Minimum “C” grade required)

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Health Information Technology Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

Healthcare Coding Diploma
The diploma program in healthcare coding is designed to provide a comprehensive understanding of coding principles and standards for entry-level professionals. The program assists students in the interpretation of coding practices, for both inpatient and outpatient settings.

There are many demands within healthcare institutions for coding professionals. Coding skills are highly valued within the healthcare industry, as the information is used in preparing claims for reimbursement, evaluating outcomes, quality assurance activities, and for clinical research. Coding professionals work in a variety of settings, such as hospitals, physician practices, long-term care, home health care, insurance, managed care, and governmental agencies. Coding students are eligible to sit for the Certified Coding Associate (CCA) upon completion of the program.

Program Goals
The program will:

• provide students with an opportunity to develop coding skills through the practices of coding and interpretation of health records.
• provide a balanced focus on coding in a physician’s office and acute care setting for both inpatient and outpatient coding.
• provide students with the capabilities to identify the importance of coding documentation and its impact on reimbursement.
• provide students with an understanding of the ethical and regulatory issues in coding practices.
• provide students with the necessary background in health record content, medical terminology, and disease process.
• provide students with the necessary skills to develop oral and written communication skills.

Student Learning Outcomes
The graduates of the program will:

• demonstrate knowledge of standardized terminology, nomenclature, classification systems, and clinical vocabularies.
• apply understanding of clinical classification systems and clinical vocabularies that support the collection and retrieval of health information.
• recognize the common use and apply the coding process for the International Classification of Diseases (ICD), Current Procedural Terminology (CPT), Healthcare Common Procedure Coding System (HCPCS), and Evaluation and Management (E/M) coding systems.
• demonstrate an understanding of the history, purpose, structure, content, and uses of coding methodologies.
• demonstrate a foundational knowledge in the accurate use of encoding software.
• apply knowledge of fraud and abuse of coding practices and compliance program for unethical practices.
• demonstrate the importance of quality clinical data and coded information.
• demonstrate an understanding of coding within the reimbursement and billing processes.
• show proficiency in written and oral communication.
Healthcare Coding Diploma Requirements
54.5 Credits
Offered through NAU’s distance learning program. The blended delivery format is offered at Albuquerque, Austin, Brooklyn Center, Bloomingon, Colorado Springs, Colorado Springs Education Center, Denver, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita and Zona Rosa and requires students to complete the Healthcare Coding Major Core through NAU’s distance learning program.

Healthcare Coding Major Core  Credit Hours
(A minimum of 16 of the following 32 credits must be earned at NAU excluding practicum.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Course Description</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>HT1100D*</td>
<td>Introduction to Health Information Management</td>
<td>3</td>
</tr>
<tr>
<td>HT2110D*</td>
<td>International Classification of Diseases Coding I with Lab</td>
<td>3</td>
</tr>
<tr>
<td>HT2120D*</td>
<td>International Classification of Diseases Coding II with Lab</td>
<td>3</td>
</tr>
<tr>
<td>HT2130D*</td>
<td>Current Procedural Terminology Coding with Lab</td>
<td>3</td>
</tr>
<tr>
<td>HT2230D*</td>
<td>Healthcare Reimbursement</td>
<td>3</td>
</tr>
<tr>
<td>HT2300D</td>
<td>Healthcare Coding Practicum</td>
<td>3</td>
</tr>
<tr>
<td>ME1150</td>
<td>Medical Terminology</td>
<td>4</td>
</tr>
<tr>
<td>ME2211*</td>
<td>Human Pharmacology</td>
<td>4</td>
</tr>
<tr>
<td>ME2510*</td>
<td>Essentials of Pathophysiology I</td>
<td>3</td>
</tr>
<tr>
<td>ME2520*</td>
<td>Essentials of Pathophysiology II</td>
<td>3</td>
</tr>
<tr>
<td></td>
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</tbody>
</table>

General Education Core (22.5)

Communications
EN1150    Composition I                 4.5

Science
SC1221*   Essentials of Anatomy and Physiology with Lab or Essentials of Anatomy and Physiology | 6

Behavioral/Social Science
Behavioral/Social Science Elective | 4.5

General Education
CS2080    Career Management             | 3

Computer Literacy
Introduction to CIS or CI Elective     | 4.5

^ Or placement recommendation
* Professional course (minimum "C" grade required)

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Healthcare Coding Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

Medical Administrative Assistant:
Associate of Applied Science Degree
The medical administrative assistant degree program is designed to prepare students for entry-level administrative positions in a variety of healthcare settings. Administrative duties may include greeting patients, setting appointment times, scheduling hospital admissions, medical transcription, medical record management, insurance coding and billing, bill collections, office compliance, and other general medical office procedures. A medical administrative assistant with sufficient training and experience may become responsible for office management.

The medical administrative assistant program utilizes a combination of lecture and laboratory sessions to address both administrative and general topics. Students in the program must complete all professional courses in the curriculum with a minimum "C" grade.

Program Goals
The program will:
• develop the student’s entry-level competence in performing administrative functions as required of medical administrative specialists.
• encourage students to project a positive attitude, and show initiative and responsibility.
• expose the student to holistic healthcare philosophy, cultural differences, and practices to respond to the needs and expectations of patients, physicians and employers.
• develop communication skills necessary to provide patient care and work effectively as a healthcare team member.
• engage learners in the process of developing professional ethics as they apply to the medical administrative assistant profession.
• encourage student membership and involvement in professional organizations and provide them with a thorough understanding of the importance of certification and continuing education.

Student Learning Outcomes
Graduates of the program will:
• demonstrate entry-level skills, knowledge and behavior competence in content and administrative functions procedures, including medical records management, healthcare coding, office accounting, and transcription.
• apply customer service concepts and principles in providing quality care.
• identify various community resources.
• recognize and respond to communication, gathering data, providing documentation, and implementing quality care.
• articulate fundamental principles, regulations, and statutes for performing within legal and ethical boundaries.
• recognize the importance of obtaining credentials, membership in professional organizations, and continuing education.

Medical Administrative Assistant: Associate of Applied Science Degree Requirements

96 Credits

Offered at Albuquerque, Bloomington, Brooklyn Center, Colorado Springs, Denver, Minnetonka, Roseville and Wichita.

Medical Administrative Assisting Credit Hours

Major Core

(A minimum of 22 of the following 41 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>ME1100* Introduction to Medical Assisting</td>
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<tr>
<td>ME1150* Medical Terminology</td>
<td>4</td>
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<tr>
<td>ME1240* First Aid and Safety ##</td>
<td>1</td>
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<tr>
<td>ME1750* Medical Transcription ##</td>
<td>4</td>
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<tr>
<td>ME2211* Human Pharmacology</td>
<td>4</td>
</tr>
<tr>
<td>ME2250* Medical Law and Ethics</td>
<td>4</td>
</tr>
<tr>
<td>ME2260* Medical Record Management</td>
<td>4</td>
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<tr>
<td>ME2510* Essentials of Pathophysiology I</td>
<td>3</td>
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<tr>
<td>ME2520* Essentials of Pathophysiology II</td>
<td>3</td>
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<tr>
<td>ME2600* Healthcare Coding I</td>
<td>3</td>
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<td>ME2610* Healthcare Coding II</td>
<td>3</td>
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<tr>
<td>ME2620* Medical Office Procedures with Software Applications</td>
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Support Core

<table>
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<th>Course</th>
<th>Credit Hours</th>
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<tr>
<td>MT2050 Principles of Management</td>
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<tr>
<td>OF1010 Office Accounting</td>
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General Education Core (45)

Communications

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<td>EN1300 Composition II</td>
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<tr>
<td>EN2100 or Speech or</td>
<td>4.5</td>
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<tr>
<td>EN2150 Interpersonal Professional Communications</td>
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Science

<table>
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<tr>
<td>SC1232 Human Anatomy and Physiology I with Lab</td>
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<tr>
<td>SC1332 Human Anatomy and Physiology II with Lab</td>
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Mathematics

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Humanities

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Behavioral/Social Science

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<tr>
<td>PS3300 Customer Service Relations</td>
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</table>

General Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1500 Strategies for Success</td>
<td>4.5</td>
</tr>
<tr>
<td>CS2080 Career Management</td>
<td>3</td>
</tr>
</tbody>
</table>

The Medical Administrative Assisting Core and Science courses are scheduled for the full required contact hours.

* Professional course (Minimum "C" grade required)

Students attending any Minnesota campus:

## must take this course at the Bloomington or Roseville campus

< must take MA2050 College Algebra

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Medical Administrative Assistant Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

Medical Assisting: Associate of Applied Science Degree

The medical assistant performs administrative and clinical duties in a physician's office or other outpatient care settings within the scope of specific training and state law and in accordance with assignments by a physician.

Administrative duties may include patient scheduling, receptionist duties, medical record management, medical transcription, office correspondence, medical insurance procedures, and office accounts, fees and collections. A medical assistant with sufficient training and experience may become responsible for office management.

Clinical duties may include interviewing patients, taking vital signs, preparing patients for examination, assisting the physician during the exam, performing routine laboratory testing, sterilizing instruments and equipment, and administering medications.

The medical assisting program utilizes a combination of lecture and laboratory sessions, as well as a practicum following completion of other required course work. Students are required to obtain a Hepatitis B vaccination prior to enrolling in the clinical science lab and laboratory techniques courses. In addition, they must submit to a background check, complete a physical examination, and tuberculosis testing prior to the practicum.

The curriculum includes courses in administrative, clinical, and laboratory skills in order to provide graduates with the entry-level competencies required of medical assistants. Students in the program must complete all professional courses in the curriculum with a minimum "C" grade. Upon successful completion of CAAHEP accredited programs, each student will have met the formal training requirement and be eligible to take the national certification examination to become a certified medical assistant, CMA (AAMA) or registered medical assistant, RMA (AMT).
Program Goals
The program will:

• prepare competent entry-level medical assistants in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

• encourage students to project a positive attitude, and show initiative and responsibility.

• expose the student to holistic healthcare philosophy, cultural differences, and practices to respond to the needs and expectations of patients, physicians and employers.

• develop communication skills necessary to provide patient care and work effectively as a healthcare team member.

• engage learners in the process of developing professional ethics as they apply to the medical assisting profession, including knowledge of the Medical Assisting Code of Ethics.

• encourage student membership and involvement in professional organizations and provide them with a thorough understanding of the importance of certification and continuing education.

Student Learning Outcomes
Graduates of the program will:

• demonstrate entry-level skills, knowledge and behavior competence in content and administrative and clinical functions and procedures, including general operational functions, as defined by the Commission on Accreditation of Allied Health Education Programs Standards and Guidelines for Medical Assisting Educational Programs.

• apply customer service concepts and principles in providing quality care.

• explain office policies, instruct patients according to their needs, and identify various community resources.

• recognize and respond to written, verbal and nonverbal communication concepts and principles in gathering assessment data, providing documentation, and implementing quality care.

• articulate fundamental principles, regulations and statutes for performing within legal and ethical boundaries.

• recognize the importance of becoming a certified medical assistant, membership in professional organizations, and continuing education.

Medical Assisting: Associate of Applied Science
Degree Requirements
101.5 Credits
Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Denver, Independence, Lee’s Summit, Minnetonka, Overland Park, Roseville, Sioux Falls, Wichita and Zona Rosa

Medical Assisting Major Core Credit Hours
(4 minimum of 28 of the following 55 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ME1100*</td>
<td>Introduction to Medical Assisting</td>
<td>4</td>
</tr>
<tr>
<td>ME1150*</td>
<td>Medical Terminology</td>
<td>4</td>
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<tr>
<td>ME1240*</td>
<td>First Aid and Safety ##</td>
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<tr>
<td>ME2130*</td>
<td>Clinical Science Lab I ##</td>
<td>2</td>
</tr>
<tr>
<td>ME2140*</td>
<td>Clinical Science Lab II ##</td>
<td>2</td>
</tr>
<tr>
<td>ME2150*</td>
<td>Clinical Science Lab III ##</td>
<td>2</td>
</tr>
<tr>
<td>ME2211*</td>
<td>Human Pharmacology</td>
<td>4</td>
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<tr>
<td>ME2250*</td>
<td>Medical Law and Ethics</td>
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</tr>
<tr>
<td>ME2260</td>
<td>Medical Record Management</td>
<td>4</td>
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<tr>
<td>ME2400*</td>
<td>Laboratory Techniques I ##</td>
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<tr>
<td>ME2410*</td>
<td>Laboratory Techniques II ##</td>
<td>3</td>
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<tr>
<td>ME2510*</td>
<td>Essentials of Pathophysiology I</td>
<td>3</td>
</tr>
<tr>
<td>ME2520*</td>
<td>Essentials of Pathophysiology II</td>
<td>3</td>
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<tr>
<td>ME2600*</td>
<td>Healthcare Coding I</td>
<td>3</td>
</tr>
<tr>
<td>ME2620*</td>
<td>Medical Office Procedures with Software Applications</td>
<td>4</td>
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<tr>
<td>ME3000*</td>
<td>Medical Assisting Exam Review</td>
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<tr>
<td>ME3310</td>
<td>Medical Assisting Practicum</td>
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55

General Education Core (46.5)

Communications

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<tr>
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<tbody>
<tr>
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<td>Composition I</td>
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<tr>
<td>EN1300</td>
<td>Composition II</td>
<td>4.5</td>
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<tr>
<td>EN2100 or Speech or EN2150</td>
<td>Interpersonal Professional Communication</td>
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13.5

Science

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<tbody>
<tr>
<td>SC1232</td>
<td>Human Anatomy and Physiology I with Lab</td>
<td>6</td>
</tr>
<tr>
<td>SC1332</td>
<td>Human Anatomy and Physiology II with Lab</td>
<td>6</td>
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12

Mathematics

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
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4.5

Humanities

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credit Hours</th>
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<tbody>
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<td>Humanities Elective</td>
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4.5

Behavioral/Social Science

<table>
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<th>Course</th>
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<tbody>
<tr>
<td>PS2000</td>
<td>Human Growth and Development</td>
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4.5

General Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
<td>4.5</td>
</tr>
<tr>
<td>CS2080</td>
<td>Career Management</td>
<td>3</td>
</tr>
</tbody>
</table>

7.5

The Medical Assisting Core and Science courses are scheduled for the full required contact hours.

*Professional course (Minimum "C" grade required)

Students attending any Minnesota campus:

## must take this course at the Bloomington or Roseville campus

< must take ME2050 College Algebra
Graduation Requirements: A minimum 2.0 GPA is required overall and in the Medical Assisting Major Core. See the “Graduation Requirements” section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

Medical Staff Services Management: Associate of Applied Science Degree

Legal cases during the past decade have drawn national attention to the importance of credentialing and peer review in hospitals and other credentialing organizations. Because of this trend, the role of the medical staff services management professional has also grown in importance. To carry out the duties of the medical staff services director or coordinator, a person must possess the knowledge and skills related to medical staff services administration, accreditation and regulatory compliance, management of credentialing processes, privileging, risk management, medical staff law, peer review, and information management.

The medical staff services management degree program is offered both online and in a blended format to accommodate those currently in the profession, those new to the profession, and those wanting to pursue the profession.

Program Goals
The program will:

• provide students with an overview of medical staff services administration, accreditation and regulatory compliance, management of credentialing processes, privileging, risk management, medical staff law, medical terminology, peer review, and information management.

• develop students’ knowledge and skills in project management, critical thinking, problem-solving, and current technology required in the credentialing process.

• involve students in teamwork and leadership development through participation in classroom and online activities.

• prepare graduates to continue their education at the bachelor’s and graduate levels.

Student Learning Outcomes
Graduates of the program will:

• demonstrate a general knowledge of medical staff organization, medical staff management requirements, and quality and peer review assessment requirements.

• demonstrate a general knowledge of medical staff law, accreditation and regulatory standards, and compliance.

• initiate and complete the credentialing and re-credentialing process for medical staff and allied health professionals.

• develop and maintain a database management program for medical staff services activities.

• communicate effectively in order to provide administrative support to medical staff leaders.

• provide documentation of department and committee activities, as required by accreditation standards, medical staff bylaws, medical staff policies, federal and state regulations, and risk management and legal requirements.

• recognize the importance of lifelong learning through participation in continuing education activities and involvement in professional memberships and organizations.

Medical Staff Services Management: Associate of Applied Science Degree Requirements

92 Credits

The blended delivery format is offered at Albuquerque, Bloomington, Brooklyn Center, Colorado Springs, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita and Zona Rosa, and requires students to complete most of the Medical Staff Services Management Major Core through NAU’s distance learning program. This program is also offered through NAU’s distance learning program.

Medical Staff Services Management Major Core

(A minimum of 24 of the following 38 credits must be earned at NAU, excluding externship.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>HA3010D</td>
<td>Introduction to U.S. Healthcare Delivery</td>
<td>4</td>
</tr>
<tr>
<td>HA3110D</td>
<td>Quality Improvement and Risk Management</td>
<td>4</td>
</tr>
<tr>
<td>HA4050D</td>
<td>Healthcare Law</td>
<td>4</td>
</tr>
<tr>
<td>ME1150*</td>
<td>Medical Terminology</td>
<td>4</td>
</tr>
<tr>
<td>ME1181D*</td>
<td>Medical Staff Services Management I</td>
<td>4</td>
</tr>
<tr>
<td>ME2182D*</td>
<td>Medical Staff Services Management II</td>
<td>4</td>
</tr>
<tr>
<td>ME2183D*</td>
<td>Medical Staff Services Management III</td>
<td>4</td>
</tr>
<tr>
<td>ME2510*</td>
<td>Essentials of Pathophysiology I</td>
<td>3</td>
</tr>
<tr>
<td>ME2520*</td>
<td>Essentials of Pathophysiology II</td>
<td>3</td>
</tr>
<tr>
<td>ME3330D</td>
<td>Medical Staff Services Management Externship</td>
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Support Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>MG1050</td>
<td>Principles of Marketing</td>
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<tr>
<td>MT2050</td>
<td>Principles of Management</td>
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General Education Core (45)

Communications

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<th>Course Title</th>
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<tr>
<td>EN1150</td>
<td>Composition I</td>
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<tr>
<td>EN1300</td>
<td>Composition II</td>
<td>4.5</td>
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<tr>
<td>EN2100 or</td>
<td>Speech or</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2150</td>
<td>Interpersonal Professional</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td>Communications</td>
<td></td>
</tr>
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</table>

Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC1221*</td>
<td>Essentials of Anatomy and</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Physiology with Lab</td>
<td></td>
</tr>
</tbody>
</table>
Pharmacy Technician: Associate of Applied Science Degree

The growing use of prescription medications has created a need for formally trained pharmacy technicians. National American University’s Associate of Applied Science (AAS) program provides the knowledge and skills necessary to perform the duties and responsibilities required of pharmacy technicians. These duties include assisting pharmacists in providing medication and healthcare products to patients, record keeping, and inventory management in a professional medical environment. Pharmacy technicians are also responsible for communicating with pharmacists and patients to ensure that quality care is being provided.

The AAS program at National American University is offered in a manner that accommodates traditional students and working adults. The program is designed to benefit individuals new to pharmacy, and current pharmacy technicians interested in enhancing their skills and formalizing their training.

Program Goals
The program will:

• engage students in proficiency-based, core competencies that integrate the fundamental skills, knowledge and practice of a pharmacy technician.
• provide an overview of healthcare reimbursement systems, legal principles, information technology, and basic accounting practices to operate in a managerial position.
• prepare students to collaborate successfully with healthcare professionals to meet the various needs of consumers in a multicultural society.
• encourage active participation in continuing education activities and professional pharmacy organizations.
• individualize student clinical experiences in a variety of real world settings through cooperative alliances with local retail, compounding, hospital, institutional, and home care pharmacy settings.
• measure key student learning outcomes continuously to identify and implement opportunities for improvement.

Student Learning Outcomes
Graduates of the program will:

• perform tasks to accurately prepare and package pharmaceutical products.
• select and precisely measure appropriate ingredients for IV admixtures, hyperalimentation fluids, and parenterals, utilizing universal precautions, laminar flow hoods, and aseptic techniques.
• integrate a fundamental knowledge of the use and side effects of prescriptions and nonprescription medications used to treat common diseases and identify potential barriers to effective pharmaceutical care.
• display an operational knowledge of billing, purchasing, and inventory management in the pharmacy.
• demonstrate the integration of a fundamental knowledge of the laws, regulations, and professional standards that govern the responsibilities of a pharmacy technician with practical experience.
• exhibit proficiency in basic information technology skills and demonstrate transferability of these skills to other software applications.
• express proactive behavior in providing pharmaceutical resources to meet diverse patient care needs.
• integrate the management skills needed to operate effectively in a professional environment.
• demonstrate interpersonal communication skills to ensure meaningful patient interactions.
• project a caring attitude toward patients while providing customer service in a multicultural society.
• recognize the importance of lifelong learning through continuing education activities and membership in professional pharmacy organizations.

---

**SC1222D** or Essentials of Anatomy and Physiology 6

**Mathematics**

Algebra Elective 4.5

**Humanities**

Humanities Elective 4.5

**Behavioral/Social Science**

Behavioral/Social Science Elective 4.5

**General Education**

CS1500 Strategies for Success 4.5

CS2080 Career Management 3

**Computer Literacy**

CI1150 Introduction to CIS or CI Elective 4.5

Option A: Students with no documented MSSM employment experience and not currently employed in an MSSM position will be required to complete 4 credits of externship.

Option B: Students with documented MSSM employment experience, with advisor approval, may choose an additional course from a list of recommended courses to replace the externship hours to further develop their administrative and leadership skills.

HA3220D Health Information Systems
HA4070D Regulatory Environment in Health Care
MT3250/PS3250 Organizational Behavior
MT3300 Supervision

* Professional course (Minimum "C" grade required)

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Medical Staff Services Management Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)
• demonstrate competence as a pharmacy technician during clinical experiences to generate a number of individualized career opportunities.
• advance pharmacy technician education by contributing to an ongoing process of program assessment and improvement.

Pharmacy Technician: Associate of Applied Science Degree Requirements

97.5 Credits

Offered at Austin, Bloomington, Brooklyn Center, Denver, Independence, Lee’s Summit, Minnetonka, Roseville, Sioux Falls and Zona Rosa.

Pharmacy Technician Major Core (37) Credit Hours
(All RX2000+ courses must be taken at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>RX1000* Introduction to Pharmacy</td>
<td>4</td>
</tr>
<tr>
<td>RX1100* Pharmacy Calculations</td>
<td>4</td>
</tr>
<tr>
<td>RX1210* Drug Therapeutics I</td>
<td>4</td>
</tr>
<tr>
<td>RX1220* Drug Therapeutics II</td>
<td>4</td>
</tr>
<tr>
<td>RX2110* Pharmacy Operations</td>
<td>4</td>
</tr>
<tr>
<td>RX2210* Pharmaceutical Patient Care</td>
<td>2</td>
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<tr>
<td>RX2310* Community Pharmacy Lab ~</td>
<td>2</td>
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<tr>
<td>RX2410* Preparing for the Pharmacy Profession</td>
<td>3</td>
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<tr>
<td>RX2510* Infusion Pharmacy Lab ~</td>
<td>2</td>
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<tr>
<td>RX3110 Infusion Externship</td>
<td>4</td>
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<tr>
<td>RX3120 Community or Outpatient Externship</td>
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| Total          | 37 |

Support Core (11)

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<tr>
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<tbody>
<tr>
<td>ME1150* Medical Terminology</td>
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<td>ME1240* First Aid and Safety</td>
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<tr>
<td>ME2510* Essentials of Pathophysiology I</td>
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| Total          | 11 |

General Education Core (49.5)

Communications

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<tr>
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<tr>
<td>EN1300 Composition II</td>
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<tr>
<td>EN2100 or Speech or EN2150 Interpersonal Professional Communications</td>
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Science

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>SC1221* Essentials of Anatomy and Physiology with Lab</td>
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| Total          | 6 |

Mathematics

<table>
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<tr>
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<tbody>
<tr>
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Humanities

<table>
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<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities Elective</td>
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| Total          | 4.5 |

Behavioral/Social Science

<table>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>PS1050 Introduction to Psychology</td>
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</tr>
<tr>
<td>PS3300* Customer Service Relations</td>
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| Total          | 9 |

General Education

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<tr>
<td>CS2080 Career Management</td>
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| Total          | 7.5 |

Computer Literacy

<table>
<thead>
<tr>
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<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CI1150 Introduction to CIS or CI Elective</td>
<td>4.5</td>
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</table>

| Total          | 4.5 |

The Pharmacy Technician Major Core and Science courses must be scheduled for the full required contact hours.

*Professional course (minimum "C" grade required)

Students attending any Minnesota campus:

~ must take this course at the Roseville campus

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Pharmacy Technician Major Core.

See the "Graduation Requirements" section of this catalog for additional graduation requirements.

(The university reserves the right to correct clerical errors.)

Therapeutic Massage: Associate of Applied Science Degree

The therapeutic massage industry is a rapidly growing profession. Taking into consideration the mind, body and spirit, the focus of the massage therapist is to meet the needs of the client by perceiving the body as a whole.

With over 50 different therapeutic approaches, the massage therapist is not limited to utilizing only one approach. Massage therapists may work with premature babies, infants, children with disabilities, adults, and geriatric clients. This program is designed to be the foundation of any massage therapist’s career.

Massage therapists are found in a variety of settings. They may be found under the supervision of a healthcare facility such as a hospital, nursing home, rehabilitation center, or chiropractic office. Other massage establishments may include fitness centers, day spas, cruise lines, nutrition centers, or hair salons, and they may be employed by the establishment or on an independent contract. Many therapists choose to be self-employed and open a private practice independently or with several associates. Administrative duties may include client scheduling, receptionist duties, client record management, office correspondence, medical insurance procedures, fees, and collections. Clinical duties may include interviewing the client, documenting client progress reports, administering massage techniques for the purpose of relaxation,
revitalization, or rehabilitation, or conducting on-site corporate massage.

The therapeutic massage program utilizes a combination of lecture and "hands-on" laboratory sessions. Students will be required to demonstrate the massage techniques with accurate proficiency. Students must also complete all professional courses in the curriculum with a minimum of a "C" grade.

As an integrative part of the learning process, the student will be required to complete an internship program. Requirements to enter the externship program include program coordinator approval and current certification in adult CPR and first aid from an approved agency.* Upon successful completion of all course work, the graduate will be eligible to sit for the National Certification for Therapeutic Massage and Bodywork exam.

National American University’s therapeutic massage program may or may not meet the licensing requirements of all states in the United States.

Students enrolling in this program should possess hand/finger dexterity as well as the ability to communicate both orally and visually.

*This requirement is not covered by financial aid and is the responsibility of each student to obtain.

**Program Goals**

The program will:

- prepare students to sit for the National Certification Exam for Therapeutic Massage and Bodywork by ensuring that they meet the standards for certification and have mastered the competencies outlined by the Commission on Massage Therapy Accreditation.

- provide students with essential knowledge and skills that integrate a range of therapeutic approaches required for working with special populations.

- provide students with a variety of massage internship experiences to choose from through cooperative alliances with local health clubs/fitness centers, corporate wellness programs, salons and spas, privately owned massage businesses, chiropractors, physical therapists, and hospitals.

- assist students in becoming professionals who stand for high personal and professional ethical standards and contribute to the development of the therapeutic massage profession.

- prepare professionals who value education and recognize the importance of lifelong learning through participating in professional research, continuing education activities, and involvement in professional memberships and organizations.

- measure key student learning outcomes and utilize the data for the ongoing enrichment of the program.

- prepare the therapeutic massage instructors and independent business owners of the future.

- qualify graduates to pursue higher education in related areas of study.

**Student Learning Outcomes**

Graduates of the program will:

- design an effective massage and bodywork session.

- combine massage and bodywork techniques for therapeutic benefit.

- create a self-care strategy.

- advocate successful and ethical therapeutic relationships with clients.

- summarize strategies for success as an employee, independent contractor, or small business owner.

- recommend strategies to participate in professional activities and pursue personal/professional development.

- construct a comprehensive business plan.

- refine massage and bodywork techniques for therapeutic benefit.

**Therapeutic Massage: Associate of Applied Science Degree Requirements**

**96.5 Credits**

Offered at Bloomington, Brooklyn Center, Minnetonka, Overland Park, Roseville and Sioux Falls.

**Therapeutic Massage Major Core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>TH1020*</td>
<td>Ethics and Personal Growth #</td>
<td>2</td>
</tr>
<tr>
<td>TH1030*</td>
<td>Fundamentals of Massage Therapy #</td>
<td>2</td>
</tr>
<tr>
<td>TH1040*</td>
<td>Massage Standards and Business Practice #</td>
<td>2</td>
</tr>
<tr>
<td>TH1050*</td>
<td>Fundamentals of Massage Therapy Lab #</td>
<td>2</td>
</tr>
<tr>
<td>TH1060*</td>
<td>Therapeutic Massage Lab #</td>
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<td>TH1070*</td>
<td>Ethics and Personal Growth Lab #</td>
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</tr>
<tr>
<td>TH2020*</td>
<td>Specialty Massage Techniques #</td>
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<td>TH2050*</td>
<td>Specialty Massage Lab #</td>
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<tr>
<td>TH2060*</td>
<td>Neuromuscular Techniques #</td>
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<td>TH2070*</td>
<td>Neuromuscular Techniques Lab #</td>
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<td>TH2080*</td>
<td>Special Populations Massage</td>
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<td>TH2090*</td>
<td>Special Populations Massage Lab</td>
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<td>TH2100*</td>
<td>Mastering Therapeutic Business</td>
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**31**

**Support Core**

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<th>Course Title</th>
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<tbody>
<tr>
<td>ME1150*</td>
<td>Medical Terminology</td>
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<td>ME1240</td>
<td>First Aid and Safety #</td>
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</tr>
<tr>
<td>ME2530*</td>
<td>Pathology for Massage Therapists</td>
<td>4</td>
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<tr>
<td>SC1200</td>
<td>Principles of Nutrition</td>
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**13.5**

**General Education Core (52)**

**Communications**

<table>
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<th>Course Title</th>
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<tbody>
<tr>
<td>EN1150</td>
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<tr>
<td>EN1300</td>
<td>Composition II</td>
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<tr>
<td>EN2100</td>
<td>Speech or</td>
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</table>
EN2150  Interpersonal Professional Communications  4.5

Science
SC1221* Essentials of Anatomy & Physiology w/Lab  6
SC2050* Clinical Kinesiology  4
SC2060* Palpation of Anatomy #  2
SC2080* Palpation of Anatomy Lab #  1

            13

Mathematics
MA  Algebra Elective  4.5

            4.5

Humanities
HU  Humanities Elective  4.5

            4.5

Behavioral/Social Science
PS1050  Introduction to Psychology  4.5

            4.5

General Education
CS1500  Strategies for Success  4.5
CS2080  Career Management  3

            7.5

Computer Literacy
CI1150  Introduction to CIS or CI Elective  4.5

            4.5

The Therapeutic Message Core, Therapeutic Massage Support Core and all Science courses must be scheduled for the full required contact hours.

*Professional course (minimum "C" grade required)

Students attending any Minnesota campus:
# must take this course at the Bloomington or Roseville campus

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Therapeutic Massage Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

Therapeutic Massage Diploma
The therapeutic massage industry is a rapidly growing profession. Taking into consideration the mind, body and spirit, the focus of the massage therapist is to meet the needs of the client by perceiving the body as a whole.

With over 50 different therapeutic approaches, the massage therapist is not limited to utilizing only one approach. Massage therapists may work with premature babies, infants, children with disabilities, adults, and geriatric clients. This program is designed to be the foundation of any massage therapist’s career.

Massage therapists are found in a variety of settings. They may be found under the supervision of a healthcare facility such as a hospital, nursing home, rehabilitation center, or chiropractic office. Other massage establishments may include fitness centers, day spas, cruise lines, nutrition centers, or hair salons, and they may be employed by the establishment or on an independent contract. Many therapists choose to be self-employed and open a private practice independently or with several associates. Administrative duties may include client scheduling, receptionist duties, client record management, office correspondence, medical insurance procedures, fees, and collections. Clinical duties may include interviewing the client, documenting client progress reports, administering massage techniques for the purpose of relaxation, revitalization, or rehabilitation, or conducting on-site corporate massage.

The therapeutic massage program utilizes a combination of lecture and "hands-on" laboratory sessions. Students will be required to demonstrate the massage techniques with accurate proficiency. Students must also complete all professional courses in the curriculum with a minimum of a "C" grade.

As an integrative part of the learning process, the student will be required to complete an internship program. Requirements to enter the externship program include program coordinator approval and current certification in adult CPR and first aid from an approved agency.* Upon successful completion of all course work the graduate will be eligible to sit for the National Certification for Therapeutic Massage and Bodywork exam.

National American University’s therapeutic massage program may or may not meet the licensing requirements of all states in the United States.

Students enrolling in this program should possess hand/finger dexterity as well as the ability to communicate both orally and visually.

*This requirement is not covered by financial aid and is the responsibility of each student to obtain.

Therapeutic Massage Program Goals
The program will:

• prepare students to sit for the National Certification Exam for Therapeutic Massage and Bodywork by ensuring that they meet the standards for certification and have mastered the competencies outlined by the Commission on Massage Therapy Accreditation.

• provide students with essential knowledge and skills that integrate a range of therapeutic approaches required for working with special populations.

• provide students with a variety of massage internship experiences to choose from through cooperative alliances with local health clubs/fitness centers, corporate wellness programs, salons and spas, privately owned massage businesses, chiropractors, physical therapists, and hospitals.

• assist students in becoming professionals who stand for high personal and professional ethical standards and
contribute to the development of the therapeutic massage profession.

• prepare professionals who value education and recognize the importance of lifelong learning through participating in professional research, continuing education activities, and involvement in professional memberships and organizations.

• measure key student learning outcomes and utilize the data for the ongoing enrichment of the program.

**Student Learning Outcomes**

Graduates of the program will:

• design an effective massage and bodywork session.

• combine massage and bodywork techniques for therapeutic benefit.

• create a self-care strategy.

• advocate successful and ethical therapeutic relationships with clients.

• summarize strategies for success as an employee, independent contractor, or small business owner.

• recommend strategies to participate in professional activities and pursue personal/professional development.

**Therapeutic Massage: Diploma Requirements**

**52 Credits**

Offered at Bloomington, Brooklyn Center, Minnetonka, Overland Park and Roseville.

**Therapeutic Massage Major Core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>TH1020*</td>
<td>Ethics &amp; Personal Growth #</td>
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<td>TH1030*</td>
<td>Fundamentals of Massage Therapy #</td>
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<td>TH1040*</td>
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<td>TH1070*</td>
<td>Ethics and Personal Growth Lab</td>
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<tr>
<td>TH2020*</td>
<td>Specialty Massage Techniques #</td>
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**Support Core**

<table>
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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>ME1150</td>
<td>Medical Terminology</td>
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<td>ME1240</td>
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<td>ME2510*</td>
<td>Essentials of Pathophysiology I</td>
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**General Education Core (26)**

**Communications**

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<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
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**Science**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>SC1221*</td>
<td>Essentials of Anatomy and Physiology w/Lab</td>
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<td>Clinical Kinesiology</td>
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<td>SC2060*</td>
<td>Palpation of Anatomy #</td>
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<tr>
<td>SC2080*</td>
<td>Palpation of Anatomy Lab #</td>
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**Behavioral/Social Science**

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<th>Course Code</th>
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<tbody>
<tr>
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<td>Introduction to Psychology</td>
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**General Education**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CS2080</td>
<td>Career Management</td>
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All courses must be scheduled for the full required contact hours.

* Professional course (minimum "C" grade required)

**Students attending any Minnesota campus:**

# must take this course at the Bloomington or Roseville campus

Graduation Requirement: A minimum 2.0 GPA is required overall and in the Therapeutic Massage Major Core.

See the "Graduation Requirements" section of the catalog for additional requirements.
ARTS AND SCIENCES

General Education Studies
The division of arts and sciences offers a degree in general education studies as well as the general education courses for all majors. The general education core focuses on broad knowledge in subjects including communication, the humanities, natural science, mathematics, and the behavioral and social sciences.

General Education Studies: Associate of Science Degree
The associate of science degree in general education studies offers an opportunity for those students who have not declared a career goal. Upon completion of this degree, the student may apply most of the course work toward a four-year degree at National American University. The number of credits applicable toward the four-year degree will depend on the program selected.

Program Goals
The program will:
• develop a general knowledge of the humanities, science, mathematics, and social and behavioral sciences in order to understand the world and its cultures.
• apply the skills of inquiry and analysis, quantitative literacy, problem solving and critical thinking.
• communicate effectively through writing, speaking, reading, and listening.
• employ computer skills and information literacy.
• work cooperatively with and lead others to evaluate a situation and institute priorities for solving a problem or accomplishing a task.
• demonstrate the knowledge and skills necessary to pursue excellence in professional, social and cultural roles in an increasingly diverse and interdependent society.
• initiate, adapt to, and adopt innovation and change.
• develop and practice ethical behaviors and values.
• demonstrate the capacity and motivation for lifelong learning.

Student Learning Outcomes
Graduates of the program will:
• utilize both traditional (print) and electronic materials to conduct research.
• demonstrate the ability to write a research paper and business correspondence.
• communicate and listen effectively through informal speeches and formal presentations.
• perform mathematical computations at the intermediate algebra level or above.
• demonstrate basic computer literacy skills.
• utilize critical thinking skills.
• analyze problems individually and as part of a team to determine appropriate solutions.
• prepare for continuing education in an advanced degree program or in a profession.
• examine multiple dimensions of diversity within the global community.

General Education Studies: Associate of Science Degree Requirements
93 Credits
Offered at Albuquerque, Colorado Springs, Colorado Springs Education Center, Ellsworth, Independence, Lee’s Summit, Rapid City, Rio Rancho, Sioux Falls, Watertown, Wichita and Zona Rosa. This program is also offered through NAU’s distance learning program.

This program is not eligible for Title IV financial aid. Students should visit with their academic advisor to determine what options may be available to them.

General Education Major Core
Credit Hours
(A minimum of 22.5 of the following 36 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
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<td>Math Elective</td>
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<tr>
<td>Science Elective</td>
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<td>Humanities Elective</td>
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<tr>
<td>Social Science Elective</td>
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<td>General Education Electives</td>
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<td>EC2050 Macroeconomics</td>
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Open Electives
Credit Hours

<table>
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<tr>
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<tr>
<td>General Education Core (34.5)</td>
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Communications

<table>
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<th>Course</th>
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<tr>
<td>EN1150 Composition I</td>
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<tr>
<td>EN1300 Composition II</td>
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<tr>
<td>EN2100 or Speech or</td>
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<td>EN2150 Interpersonal Professional Communications</td>
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Science

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Mathematics

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General Education

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<tr>
<th>Course</th>
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<td>CS2080 Career Management</td>
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Computer Literacy
<table>
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<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>Introduction to CIS or CI Elective</td>
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This program is not available to the residents of Minnesota.

**Graduation Requirements:** A minimum 2.0 GPA is required overall and in the General Education Major Core. See the “Graduation Requirements” section of the catalog for additional requirements.

*(The university reserves the right to correct clerical errors.)*
ATHLETIC TRAINING

Athletic training is an allied healthcare field specializing in preventing, recognizing, managing, and rehabilitating injuries that result from physical activity. As part of a complete healthcare team, the certified athletic trainer works under the direction of a licensed physician and in cooperation with other healthcare professionals, athletic administrators, coaches and parents. The various work settings that athletic trainers are employed include secondary schools, colleges and universities, professional sports, hospitals, clinics, physician offices, sports medicine clinics, military, law enforcement, industrial, commercial, and performing arts.

Athletic Training Program Admissions
In addition to the university’s admissions requirements and instructions on page 11, the following admissions requirements are program specific.

All students are required to obtain a Hepatitis B vaccination prior to acceptance into the program or sign a release form not to receive the vaccination; in addition, they are required to complete a yearly physical examination. Students must also sign the Technical Standards each year. Finally, students must attend annual mandatory bloodborne pathogen training and maintain a current CPR certification.

Technical Standards for Admission
The Athletic Training Educational Program (ATEP) at National American University is a rigorous and intense program that places specific requirements and demands on the enrolled students. An objective of this program is to prepare graduates to enter a variety of employment settings and to render care to a wide spectrum of individuals engaged in physical activity. The technical standards set forth by the Athletic Training Educational Program establish the essential qualities considered necessary for students admitted to this program to achieve the knowledge, skills, and competencies of an entry-level athletic trainer, as well as meet expectations of the program’s accrediting agency, the Commission on Accreditation of Athletic Training Education (CAATE). In the event a student is unable to fulfill these technical standards, with or without reasonable accommodation, the student will not be admitted into the program.

Compliance with the program’s technical standards does not guarantee a student’s eligibility for the NATABOC certification examination.

Students in the Athletic Training Educational Program must demonstrate:

1. the mental capacity to assimilate, analyze, synthesize and integrate concepts, and problem solve to formulate assessment and therapeutic judgments, and to be able to distinguish deviations from the norm.

2. sufficient postural and neuromuscular control, sensory function, and coordination to perform appropriate physical examinations using accepted techniques; and accurately, safely and efficiently use equipment and material during the assessment and treatment of patients.

3. the ability to communicate effectively and sensitively with patients and colleagues, including individuals from different cultural and social backgrounds; this includes, but is not limited to, the ability to establish a rapport with patients and communicate judgments and treatment information effectively. Students must be able to understand and speak the English language at a level consistent with competent professional practice.

4. the ability to record the physical examination results and a treatment plan clearly and accurately.

5. the capacity to maintain composure and continue to function well during periods of high stress.

6. the perseverance, diligence and commitment to complete the Athletic Training Education Program as outlined and sequenced.

7. flexibility and the ability to adjust to changing situations and uncertainty in clinical situations.

8. affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.

Students in the Athletic Training Educational Program will be required to verify they understand and meet these technical standards or they believe that, with certain accommodations, they can meet the standards. The academic dean will evaluate a student who states he/she could meet the program’s technical standards with accommodation and confirm that the stated condition qualifies as a disability under applicable laws.

If a student states he/she can meet the technical standards with accommodations, then the university will determine whether it agrees that the student can meet the technical standards with reasonable accommodations. This includes a review of whether the accommodations requested are reasonable, taking into account whether accommodation would jeopardize clinician/patient safety, or the educational process of the student or institution, including all course work, clinical experiences and internships deemed essential to graduation.

Athletic Training Bachelor of Science Degree
Athletic training is an allied healthcare field specializing in preventing, recognizing, managing, and rehabilitating injuries that result from physical activity. As part of a complete healthcare team, the certified athletic trainer works under the direction of a licensed physician and in cooperation with other healthcare professionals, athletic administrators, coaches and parents. The various work settings that athletic trainers are employed include secondary schools, colleges and universities, professional sports, hospitals, clinics, physician offices, sports medicine clinics, military, law enforcement, industrial, commercial, and performing arts.

This program includes a foundational core, a curriculum-based athletic training core, a support core, and a general education core. Students wishing to enroll in the athletic training major core must follow the admissions process outlined below.

Students in the program must complete all professional courses in the curriculum with a minimum "C" grade.
Upon completion of the program, students have the necessary preparation to take the National Athletic Trainers Association Board of Certification Exam.

**Program Goals**
The program will:

- provide a quality didactic and clinical education to students in the athletic training program.
- provide an opportunity for undergraduate students to become proficient in the domains of athletic training.
- provide experiences in the classroom and clinical setting that benefit students upon employment in the athletic training profession.
- prepare students to successfully complete examinations for athletic training certification and licensure, including the NATA Board of Certification exam.
- prepare athletic training students for the moral, ethical and legal obligations required of an athletic trainer.
- aid graduating students during the process of obtaining employment as an athletic trainer, or continuing with their post-graduate education.
- provide athletic training students with appropriate preparation, knowledge and skill level in each of the twelve Athletic Training Domains.
- develop an overall understanding with the athletic training student of what will be expected of them in their role as an athletic trainer.

**Student Learning Outcomes**
Graduates of the program will:

- explain and manually demonstrate an athletic injury evaluation of the lower extremity using Subjective, Objective, Assessment, Plan.
- explain and manually demonstrate an athletic injury evaluation of the upper extremity using Subjective, Objective, Assessment and Plan.
- explain and manually demonstrate an athletic injury evaluation of the head, neck and spine using Subjective, Objective, Assessment, Plan.
- demonstrate comprehensive knowledge of the domains of athletic training.

**Accreditation Status**
The athletic training education program is on probation with a progress report due on or before June 1, 2010, to the Commission on Accreditation of Athletic Training Education (CAATE).

**Technical Standards for Admission**
The Athletic Training Educational Program (ATEP) at National American University is a rigorous and intense program that places specific requirements and demands on the enrolled students. An objective of this program is to prepare graduates to enter a variety of employment settings and to render care to a wide spectrum of individuals engaged in physical activity. The technical standards set forth by the Athletic Training Educational Program establish the essential qualities considered necessary for students admitted to this program to achieve the knowledge, skills, and competencies of an entry-level athletic trainer, as well as meet expectations of the program’s accrediting agency, the Commission on Accreditation of Athletic Training Education (CAATE). In the event a student is unable to fulfill these technical standards, with or without reasonable accommodation, the student will not be admitted into the program.

Compliance with the program’s technical standards does not guarantee a student’s eligibility for the NATA Board of Certification exam.

Students in the Athletic Training Educational Program must demonstrate:

1. the mental capacity to assimilate, analyze, synthesize and integrate concepts, and problem solve to formulate assessment and therapeutic judgments, and to be able to distinguish deviations from the norm.
2. sufficient postural and neuromuscular control, sensory function, and coordination to perform appropriate physical examinations using accepted techniques; and accurately, safely and efficiently use equipment and material during the assessment and treatment of patients.
3. the ability to communicate effectively and sensitively with patients and colleagues, including individuals from different cultural and social backgrounds; this includes, but is not limited to, the ability to establish a rapport with patients and communicate judgments and treatment information effectively. Students must be able to understand and speak the English language at a level consistent with competent professional practice.
4. the ability to record the physical examination results and a treatment plan clearly and accurately.
5. the capacity to maintain composure and continue to function well during periods of high stress.
6. the perseverance, diligence and commitment to complete the Athletic Training Education Program as outlined and sequenced.
7. flexibility and the ability to adjust to changing situations and uncertainty in clinical situations.
8. affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.

Students in the Athletic Training Educational Program will be required to verify they understand and meet these technical standards or they believe that, with certain accommodations, they can meet the standards. The academic dean will evaluate a student who states he/she could meet the program’s technical standards with accommodation and confirm that the stated condition qualifies as a disability under applicable laws.

If a student states he/she can meet the technical standards with accommodations, then the university will determine whether it agrees that the student can meet the technical standards with reasonable accommodations. This includes a review of whether the accommodations requested are reasonable, taking into account whether accommodation would jeopardize clinician/patient safety, or the educational process of the
student or institution, including all coursework, clinical experiences and internships deemed essential to graduation.

Admission Requirements and Procedures
In addition to the university’s admissions requirements and instructions on pages 13 – 16, the following admissions requirements are program specific.

Application to the athletic training foundational core is contingent on application to NAU. Admission to the athletic training foundational core does not guarantee enrollment in the athletic training major core. Admission to the athletic training major core is selective.

All students are required to obtain a Hepatitis B vaccination prior to clinical affiliation or sign a release form not to receive the vaccination; in addition, they are required to complete a yearly physical examination, sign the Technical Standards each year, attend annual mandatory blood-borne pathogen training and purchase the liability insurance offered by the university on a quarterly basis.

Students apply for the athletic training major core after completing the foundational core during their first year of study. During this first year, students are required to take the following athletic training courses:
- AT1050 Essentials of Athletic Training
- AT1100 Taping and Bandaging Techniques
- ME1340 Professional Rescuer

These courses require a grade of a “B” or higher in order to apply to the athletic training major core.

In addition, the following foundational courses must also be completed:
- CI1150 Introduction to CIS
- CS1500 Strategies for Success
- EN1150 Composition I
- EN1300 Composition II
- ME1150 Medical Terminology
- SC1055 Biological Concepts with Lab
- SC1232 Human Anatomy and Physiology I with Lab
- SC1332 Human Anatomy and Physiology II with Lab

In this coursework, students are required to have a minimum GPA of 2.5 overall.

Also, students are required to submit an application with two letters of recommendation to the Athletic Training Program Chair and be interviewed by the Athletic Training Program Chair and Clinical Coordinator. This application form is available from the Program Chair.

Prior to May 31st those students who want to apply to the athletic training major core need to have the following:

3.0 GPA in athletic training foundational core coursework 40%
2.5 GPA overall in remaining foundational core coursework 25%

Submit application by the deadline (May 31st) 5%
Get application from AT Program Chair 10%
Interview (AT Program Chair and Clinical Coordinator) 10%
Two letters of recommendation 10%
Copy of Hepatitis B vaccination record or a release form for those opting not to receive the vaccination 5%
Current physical examination 5%
Current (in the past year) and performed by an MD, DO, NP, or PA

The total of the above requirements will be used to admit interested students into the athletic training major core. The major core courses are set in a specific sequence to facilitate learning over time so it is important that all students admitted to the major core meet with the Athletic Training Program Chair to ensure proper course registration.

If a student fails to meet the admission requirements above on first attempt, they may reapply after successfully repeating appropriate coursework. While awaiting reapplication, students may complete additional support courses and general education courses required for the degree program. Any student who fails to meet the foundational core requirements after their second attempt will meet with an academic advisor to find a more suitable course of study.

In the event that there are more applicants than available spots in the athletic training major core, a Clinical Skills Rubric will be used for making final admission decisions and will be completed for each student applying to the program by each member of the admission committee. Students receive a numerical score for each of the skills listed on the rubric. An average of the committee members’ summed totals are used for determining admission. Required point totals for admission are listed at the conclusion of the rubric form.

Transfer Students
As with new students, application to the athletic training foundational core is contingent on application to NAU. Admission to the athletic training foundational core does not guarantee enrollment in the athletic training major core. Admission to the athletic training major core is selective.

All transfer students, including those transferring from a college or university that NAU has articulation agreements with, must meet all of NAU’s requirements for transfer and meet the requirements for the ATEP. All transfer students admitted into the program should plan on a minimum of two academic years to complete the program.

Submission Requirements:
1. An official transcript mailed to the registrar’s office.
2. A course description and syllabus of all athletic training coursework previously completed to the AT Program Chair in order for athletic training coursework to be considered for transfer.
3. A signed copy of all previous athletic training clinical experiences to the AT Program Chair.
Students are required to submit an application with two letters of recommendation to the Athletic Training Program Chair and be interviewed by the Athletic Training Program Chair and Clinical Coordinator. This application form is available from the Program Chair.

Those students who want to apply to the athletic training major core need to have the following at the time of application to the athletic training major core:

- 3.0 GPA in athletic training foundational core coursework: 40%
- 2.5 GPA overall in remaining foundational core coursework: 25%
- Submit application: 5%
- Get application from AT Program Chair: 5%
- Interview (AT Program Chair and Clinical Coordinator): 10%
- Two letters of recommendation: 10%
- Copy of Hepatitis B vaccination record or a release form for those opting not to receive the vaccination: 5%
- Current physical examination: 5%
- Current (in the past year) and performed by an MD, DO, NP, or PA: 5%

Acceptance into the program does not guarantee that all transferring credits are accepted by the university.

**Athletic Training: Bachelor of Science Degree Requirements**

**Athletic Training Major Core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT1100!</td>
<td>Essentials of Athletic Training</td>
<td>3</td>
</tr>
<tr>
<td>AT1210*</td>
<td>Sport Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>AT2050*</td>
<td>Orthopedic Evaluation I</td>
<td>4</td>
</tr>
<tr>
<td>AT2051*</td>
<td>Orthopedic Evaluation I Lab</td>
<td>1</td>
</tr>
<tr>
<td>AT2100*</td>
<td>Orthopedic Evaluation II</td>
<td>4</td>
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<tr>
<td>AT2101*</td>
<td>Orthopedic Evaluation II Lab</td>
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</tr>
<tr>
<td>AT2150*</td>
<td>Orthopedic Evaluation III</td>
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<td>AT2151*</td>
<td>Orthopedic Evaluation III Lab</td>
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</tr>
<tr>
<td>AT2200*</td>
<td>Pathology of Injury/Illness</td>
<td>3</td>
</tr>
<tr>
<td>AT2230*</td>
<td>General Medical Conditions</td>
<td>3</td>
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<tr>
<td>AT2300*</td>
<td>Practicum I</td>
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<tr>
<td>AT2350*</td>
<td>Practicum II</td>
<td>1</td>
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<td>AT2400*</td>
<td>Practicum III</td>
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<tr>
<td>AT2500*</td>
<td>Athletic Training Competency Review I</td>
<td>2</td>
</tr>
<tr>
<td>AT3000*</td>
<td>Athletic Training Management</td>
<td>3</td>
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<tr>
<td>AT3030*</td>
<td>Practicum IV</td>
<td>1</td>
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<tr>
<td>AT3305*</td>
<td>Practicum V</td>
<td>1</td>
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<tr>
<td>AT3400*</td>
<td>Practicum VI</td>
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<td>AT3500*</td>
<td>Athletic Training Competency Review II</td>
<td>2</td>
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<tr>
<td>AT3550*</td>
<td>Research in Athletic Training</td>
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**Support Core**

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<thead>
<tr>
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<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>AC2760</td>
<td>Accounting for Managers</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2050</td>
<td>Macroeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3300</td>
<td>Supervision</td>
<td>4.5</td>
</tr>
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<td>MT4250</td>
<td>Entrepreneurship</td>
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</tr>
<tr>
<td>PE1350</td>
<td>Wellness</td>
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**Not available for block transfer**

**Athletic Training Foundational Core (47.5)**

**Athletic Training Courses (9)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>AT1050!</td>
<td>Essentials of Athletic Training</td>
<td>3</td>
</tr>
<tr>
<td>AT1100!</td>
<td>Taping and Bandaging Techniques</td>
<td>3</td>
</tr>
<tr>
<td>ME1340!</td>
<td>Professional Rescuer</td>
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**Support Course (4)**

<table>
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<th>Credit Hours</th>
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<td>ME1150#</td>
<td>Medical Terminology</td>
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**General Education (34.5) (Course-By-Course Transfer)**

**Communications**

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<tbody>
<tr>
<td>EN1150#</td>
<td>Composition I</td>
<td>4.5</td>
</tr>
<tr>
<td>EN1300#</td>
<td>Composition II</td>
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**Science**

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<thead>
<tr>
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<th>Course Title</th>
<th>Credit Hours</th>
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<td>SC1055#</td>
<td>Biological Concepts with Lab</td>
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<td>SC1232#</td>
<td>Human Anatomy and Physiology I with Lab</td>
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<tr>
<td>SC1332#</td>
<td>Human Anatomy and Physiology II with Lab</td>
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**General Education**

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<th>Course Title</th>
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<tbody>
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<td>CS1500</td>
<td>Strategies for Success</td>
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**Computer Literacy**

<table>
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<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td></td>
<td>Introduction to CIS or CI Elective</td>
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**General Education Core (43.5) (Course-By-Course Transfer)**
### Academic Programs

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<tr>
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<tr>
<td>EN2100 or</td>
<td>Speech or</td>
<td></td>
</tr>
<tr>
<td>EN2150</td>
<td>Interpersonal Professional Communications</td>
<td>4.5</td>
</tr>
<tr>
<td>EN3050</td>
<td>Technical Communications</td>
<td>4.5</td>
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<table>
<thead>
<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>SC1354*</td>
<td>General Chemistry and Biochemistry with Lab</td>
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MA2050</td>
<td>College Algebra</td>
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<td>MA3000</td>
<td>Business Statistics</td>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td></td>
<td>Humanities Electives</td>
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<table>
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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>PS1050</td>
<td>Introduction to Psychology</td>
<td>4.5</td>
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<td></td>
<td>Elective</td>
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<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CS2080</td>
<td>Career Management</td>
<td>3</td>
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</tbody>
</table>

* Professional course - must be passed with minimum "C" grade

**Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Athletic Training Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)
BUSINESS

Degrees in business administration are for individuals interested in gaining a deeper understanding of the key functional areas of business. Emphasis is placed on communications, teamwork, ethics, and the skills for managing in diverse and globally engaged organizations, providing a solid foundation for success in the business field.

This versatile program is designed to prepare graduates for a variety of career opportunities in business, industry and government. It will also help students develop the skills to become successful entrepreneurs or grow an existing business. Graduates who complete the bachelor’s degree programs will be prepared to enroll in graduate programs in fields such as business administration or management.

Courses focus on managing the interactions that occur between business functions when defining and solving real-world business problems. The curriculum is designed to emphasize performance-based active learning, and to make the course work directly relevant to the day-to-day challenges of working professionals. Students also have the option to select the following emphasis areas at selected campuses if they choose: financial management, human resource management, information systems, international business, management, marketing, pre-law, and management accounting.

The applied management degree program is distinct from the business administration degrees because it allows students to transfer credits from prior vocational, technical, specialty, or military education. Graduates from this program will find many career opportunities for advancement in business management areas, as well as management opportunities associated with their specialty field.

National American University has been providing quality business education for more than 65 years. All NAU business programs are accredited by the International Assembly for Collegiate Business Education (IACBE).

Applied Management: Bachelor of Science Degree

The applied management program is designed for individuals with degrees, diplomas, or certificates in specialty areas, such as merchandising, dental hygiene, electronics, medical assisting, drafting, welding, or other vocational areas.

A minimum of 27 credit hours in one specialty area is required to complete this program. Combined with business and general education courses, this degree prepares the graduate for advancement in management areas associated with their specialty field. Two options are available under this program: (1) transfer of credit from the source of the specialty training, or (2) creation of a specialty area using approved National American University courses.

Program Goals
The program will:

- create a caring and supportive learning environment that promotes academic excellence and student achievement through the use of a performance-based curriculum while being responsive to the individual needs of the student.
- promote the importance of professional development and lifelong learning for students.
- provide students with opportunities to develop a deeper understanding of the issues and challenges presented by a dynamic and rapidly evolving global business environment.
- cultivate a greater awareness of and sensitivity to cultural diversity, social responsibility, and ethical decision-making in students.
- provide faculty and staff an opportunity for professional growth and development.
- provide excellent customer service for all constituencies.
- optimize operational effectiveness through a continuous quality-improvement process.

Student Learning Outcomes

Graduates of the program will:

- demonstrate the ability to apply theory and critical-thinking skills to practical issues and problems that decision-makers in the field of business are likely to face.
- demonstrate proficiency in both written and oral communication skills through research papers, business memos, formal letters, written reports, oral presentations, and classroom discussions.
- utilize approved techniques to effectively analyze and synthesize numerical information with an emphasis in the areas of financial, statistical and quantitative analysis as applied to business.
- reflect appropriate leadership traits and teamwork skills during group activities and collaborative projects conducted and/or initiated by the instructor.
- show proficiency in the use of information technology, and competence with respect to information literacy.
- demonstrate the ability to identify ethical issues in various business situations and articulate a thoughtful position in response to those issues.
- prepare for employment responsibilities and continuing education appropriate to their degree level.

Applied Management: Bachelor of Science Degree Requirements

186 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown and Zona Rosa. This program is also offered through NAU’s distance learning program.

Applied Management Major Core Credit Hours

(A minimum of 31 of the following 66 credits must be earned at NAU.)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1160</td>
<td>Principles of Accounting II</td>
<td>4.5</td>
</tr>
<tr>
<td>FN3000</td>
<td>Business Finance I</td>
<td>4.5</td>
</tr>
<tr>
<td>LA3100</td>
<td>Business Law</td>
<td>4.5</td>
</tr>
<tr>
<td>MG1050</td>
<td>Principles of Marketing</td>
<td>4.5</td>
</tr>
<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3000+</td>
<td>Elective (Exclusive of Internship)</td>
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</tr>
<tr>
<td>MT3050</td>
<td>Human Resource Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3250</td>
<td>Organizational Behavior</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3500</td>
<td>Managing Information Systems</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4000</td>
<td>Operations Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4200</td>
<td>Business Ethics</td>
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</tr>
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<td>MT4300</td>
<td>Management Across Cultures</td>
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<td>MT4440</td>
<td>Business Management Review</td>
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<tr>
<td>MT4450</td>
<td>Strategic Management**</td>
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Specialty/Technical/Vocational Core (Maximum 45/Minimum 27 credits in one specialty area.)

If the maximum 45 credits is not met in the specialty core, the difference must be made up by choosing open electives.

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<thead>
<tr>
<th>Specialty/Technical/Vocational Core</th>
<th>Credits</th>
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<tr>
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Open Electives                     18

General Education Core (57)

General Education (Available for block transfer – 22.5) **

Communications

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Science

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Humanities

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Behavioral/Social Science

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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
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General Education

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<th>Course Title</th>
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<th>Course Title</th>
<th>Credits</th>
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<td>EN2100 or</td>
<td>Speech or</td>
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<tr>
<td>EN2150</td>
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Mathematics

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Behavioral/Social Science (9)

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General Education

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**Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.

Students residing in the state of Texas:

## Block transfer is not available to these students.

Residents of the state of Minnesota or students attending any Minnesota campus:

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

## Block transfer is not available to these students.

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Management Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

Applied Management: Bachelor of Science Degree Requirements

186 Credits

Offered at Overland Park and Wichita.

Applied Management Major Core Credit Hours

(A minimum of 31 of the following 66 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1160</td>
<td>Principles of Accounting II</td>
<td>4.5</td>
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<tr>
<td>FN3000</td>
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<td>Business Law</td>
<td>4.5</td>
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<td>MG1050</td>
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<td>Principles of Management</td>
<td>4.5</td>
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<tr>
<td>MT3000+</td>
<td>Elective (Exclusive of Internship)</td>
<td></td>
</tr>
<tr>
<td>MT3050</td>
<td>Human Resource Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3250</td>
<td>Organizational Behavior</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3500</td>
<td>Managing Information Systems</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4000</td>
<td>Operations Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4200</td>
<td>Business Ethics</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4300</td>
<td>Management Across Cultures</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4440</td>
<td>Business Management Review</td>
<td>3</td>
</tr>
<tr>
<td>MT4450</td>
<td>Strategic Management**</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td>66</td>
</tr>
</tbody>
</table>

Emphasis Support Core (22.5)

Must be courses at the 3000+ level coded AC, CI, EC, FN, LA, MG, MT or OL

22.5
<table>
<thead>
<tr>
<th>Specialty/Technical/Vocational Core (22.5)</th>
<th>22.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open Electives</td>
<td>18</td>
</tr>
</tbody>
</table>

**General Education Core (57)**
Not available for block transfer

**Communications**
- EN1150 Composition I 4.5
- EN1300 Composition II 4.5
- EN2100 or Speech or
- EN2150 Interpersonal Professional Communications 4.5
- EN3050 Technical Communications 4.5

**Science**
- Science Elective 4.5

**Mathematics**
- MA2050 College Algebra 4.5
- MA3000 Business Statistics 4.5

**Humanities**
- Humanities Elective 4.5

**Behavioral/Social Science**
- EC2050 Macroeconomics 4.5
- EC2100 Microeconomics 4.5
- Behavioral/Social Science Elective 4.5

**General Education**
- General Education Elective 4.5
- CS2080 Career Management 3

**Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.**

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Management Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

**Applied Management: Associate of Applied Science Degree**

The Associate of Applied Science degree in Applied Management is designed to meet the needs of individuals who have acquired occupational training from community colleges, technical institutes, military service schools, or industry-related schools in business, health or another technical field.

A minimum of 13.5 credit hours in one specialty area is required to complete this program. Two options are available under this program: (1) transfer of credit from the source of the specialty training, or (2) creation of a specialty area using approved National American University courses.

**Program Goals**
The program will:
- create a caring and supportive learning environment that promotes academic excellence and student achievement through the use of a performance-based curriculum while being responsive to the individual needs of the student.
- promote the importance of professional development and lifelong learning for students.
- provide students with opportunities to develop a deeper understanding of the issues and challenges presented by a dynamic and rapidly evolving global business environment.
- cultivate a greater awareness of and sensitivity to cultural diversity, social responsibility and ethical decision-making in students.
- provide faculty and staff an opportunity for professional growth and development.
- provide excellent customer service for all constituencies.
- optimize operational effectiveness through a continuous quality-improvement process.

**Student Learning Outcomes**
Graduates of the program will:
- demonstrate the ability to apply theory and critical-thinking skills to practical issues and problems that decision-makers in the field of business are likely to face.
- demonstrate proficiency in both written and oral communication skills through research papers, business memos, formal letters, written reports, oral presentations, and classroom discussions.
- reflect appropriate leadership traits and teamwork skills during group activities and collaborative projects conducted and/or initiated by the instructor.
- show proficiency in the use of information technology and competence with respect to information literacy.
- demonstrate the ability to identify ethical issues in various business situations and articulate a thoughtful position in response to those issues.
- prepare for employment responsibilities and continuing education appropriate to their degree level.

**Applied Management: Associate of Applied Science Requirements**

93 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita and Zona Rosa. This program is also offered through NAU’s distance learning program.
Management Major Core | Credit Hours
(A minimum of 13.5 of the following 27 credits must be
earned at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1160</td>
<td>Principles of Accounting II</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2050</td>
<td>Macroeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2100</td>
<td>Microeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>MG1050</td>
<td>Principles of Marketing</td>
<td>4.5</td>
</tr>
<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
</tr>
</tbody>
</table>

27

Specialty/Technical/Vocational Core (Maximum 27/Minimum 13.5)
If the maximum of 27 credits is not met in the specialty core,
the difference must be made up by choosing
business/accounting/CI electives.

Business*/Accounting/CI Elective Core 27

General Education Core (39)

Communications
<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
<td>4.5</td>
</tr>
<tr>
<td>EN1300</td>
<td>Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or</td>
<td>Speech or</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2150</td>
<td>Interpersonal Professional Communications</td>
<td>4.5</td>
</tr>
</tbody>
</table>

13.5

Science

Science Electives 4.5

Mathematics

Algebra Elective 4.5

Humanities/Behavioral/Social Science

Elective 4.5

General Education

CS1500 Strategies for Success 4.5
CS2080 Career Management 3

7.5

Computer Literacy

Introduction to CIS or CI Elective 4.5

4.5

* Business electives include EC, FN, LA, MG, MT and OL courses

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Management Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

Business Administration: Bachelor of Science Degree

The business administration bachelor’s degree program is designed to convey to students the knowledge base and strategic mind-set that is requisite for career success in the field of business. Graduates of this program will be qualified for a wide range of career opportunities in for-profit and nonprofit business organizations and governmental institutions. This program is also an excellent foundation for students who may wish to pursue a business-related graduate degree.

Program Goals

The program will:

- create a caring and supportive learning environment that promotes academic excellence and student achievement through the use of a performance-based curriculum while being responsive to the individual needs of the student.
- promote the importance of professional development and lifelong learning for students.
- provide students with opportunities to develop a deeper understanding of the issues and challenges presented by a dynamic and rapidly evolving global business environment.
- cultivate a greater awareness of and sensitivity to cultural diversity, social responsibility, and ethical decision-making in students.
- provide faculty and staff an opportunity for professional growth and development.
- provide excellent customer service for all constituencies.
- optimize operational effectiveness through a continuous quality-improvement process.

Student Learning Outcomes

Graduates of the program will:

- demonstrate the ability to apply theory and critical-thinking skills to practical issues and problems that decision-makers in the field of business are likely to face.
- demonstrate proficiency in both written and oral communication skills through research papers, business memos, formal letters, written reports, oral presentations, and classroom discussions.
- utilize approved techniques to effectively analyze and synthesize numerical information with an emphasis in the areas of financial, statistical and quantitative analysis as applied to business.
- reflect appropriate leadership traits and teamwork skills during group activities and collaborative projects conducted and/or initiated by the instructor.
- show proficiency in the use of information technology and competence with respect to information literacy.
- demonstrate the ability to identify ethical issues in various business situations and articulate a thoughtful position in response to those issues.
- prepare for employment responsibilities and continuing education appropriate to their degree level.
## Business Administration: Bachelor of Science
### Requirements
186 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita and Zona Rosa. This program is also offered through NAU’s distance learning program.

### Business Administration Major Core  
**Credit Hours**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1160</td>
<td>Principles of Accounting II</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1260</td>
<td>Principles of Accounting III</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2050</td>
<td>Macroeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2100</td>
<td>Microeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>FN3000</td>
<td>Business Finance I</td>
<td>4.5</td>
</tr>
<tr>
<td>LA3100</td>
<td>Business Law</td>
<td>4.5</td>
</tr>
<tr>
<td>MG1050</td>
<td>Principles of Marketing</td>
<td>4.5</td>
</tr>
<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3000</td>
<td>International Business</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3050</td>
<td>Human Resource Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3250</td>
<td>Organizational Behavior</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3500</td>
<td>Managing Information Systems</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4000</td>
<td>Operations Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4200</td>
<td>Business Ethics</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4210</td>
<td>Quantitative Analysis</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4440</td>
<td>Business Management Review</td>
<td>3</td>
</tr>
<tr>
<td>MT4450</td>
<td>Strategic Management **</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Total: 79.5

### Business Option Core
Courses must be coded AC, CI, EC, FN, LA, MG, MT, OL or equivalent transfer (A minimum of 18 of the following 31.5 credits must be earned at NAU, excluding internship.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FN3000+</td>
<td></td>
<td>4.5</td>
</tr>
<tr>
<td>MG3000+</td>
<td></td>
<td>4.5</td>
</tr>
<tr>
<td>MT3000+</td>
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<td>4.5</td>
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<td>3000+</td>
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<td>4.5</td>
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<tr>
<td>3000+</td>
<td></td>
<td>4.5</td>
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</table>

Total: 31.5

### Open Electives

Total: 9

### General Education Core (66)

<table>
<thead>
<tr>
<th>General Education (31.5) (Available for block transfer) **</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
</tr>
<tr>
<td>EN1150</td>
</tr>
</tbody>
</table>

Total: 4.5

### Science

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Electives</td>
<td>9</td>
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</tbody>
</table>

### Humanities

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

### Behavioral/Social Science

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behavioral/Social Science Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

### General Education (31.5) (Course-by-course transfer)

#### Communications

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1300</td>
<td>Composition II</td>
</tr>
<tr>
<td>EN2100 or Speech or EN2150</td>
<td>Interpersonal Professional Communications</td>
</tr>
<tr>
<td>EN3050</td>
<td>Technical Communications</td>
</tr>
</tbody>
</table>

Total: 13.5

#### Mathematics

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA2050</td>
<td>College Algebra</td>
</tr>
<tr>
<td>MA3000</td>
<td>Business Statistics</td>
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</tbody>
</table>

Total: 9

#### General Education

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
</tr>
<tr>
<td>CS2080</td>
<td>Career Management</td>
</tr>
</tbody>
</table>

Total: 7.5

#### Computer Literacy

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to CIS or CI Elective</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Total: 4.5

**Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.

### Students residing in the state of Texas:

#### Block transfer is not available to these students.

### Residents of the state of Minnesota or students attending any Minnesota campus:

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

#### Block transfer is not available to these students.

### Graduation Requirements: A minimum 2.0 GPA is required overall and in the Business Administration Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

## Business Administration: Associate of Applied Science Degree

The business administration associate degree program is designed to convey to students many of the basic and more fundamental concepts that begin to form the foundation for the breadth of knowledge and strategic mind-set that are requisite for career success in the field of business.

Students who complete the associate degree program are encouraged to continue in the bachelor’s degree program in
In choosing this academic path, they may also choose an emphasis in marketing, management, finance, international business, management accounting, pre-law, or information technology.

Graduates of this program will be qualified for a variety of entry-level positions in business sectors such as banking, finance, sales, insurance and management.

Program Goals
The program will:
- create a caring and supportive learning environment that promotes academic excellence and student achievement through the use of a performance-based curriculum while being responsive to the individual needs of the student.
- promote the importance of professional development and lifelong learning for students.
- provide students with opportunities to develop a deeper understanding of the issues and challenges presented by a dynamic and rapidly evolving global business environment.
- cultivate a greater awareness of and sensitivity to cultural diversity, social responsibility, and ethical decision-making in students.
- provide faculty and staff an opportunity for professional growth and development.
- provide excellent customer service for all constituencies.
- optimize operational effectiveness through a continuous quality-improvement process.

Student Learning Outcomes
Graduates of the program will:
- demonstrate the ability to apply theory and critical-thinking skills to practical issues and problems that decision-makers in the field of business are likely to face.
- demonstrate proficiency in both written and oral communication skills through research papers, business memos, formal letters, written reports, oral presentations, and classroom discussions.
- reflect appropriate leadership traits and teamwork skills during group activities and collaborative projects conducted and/or initiated by the instructor.
- show proficiency in the use of information technology and competence with respect to information literacy.
- demonstrate the ability to identify ethical issues in various business situations and articulate a thoughtful position in response to those issues.
- prepare for employment responsibilities and continuing education appropriate to their degree level.

Business Administration: Associate of Applied Science Requirements
93 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita and Zona Rosa. This program is also offered through NAU’s distance learning program.

<table>
<thead>
<tr>
<th>Business Administration Major Core</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC1060 Principles of Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1160 Principles of Accounting II</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2050 Macroeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2100 Microeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>FN3000 Business Finance I</td>
<td>4.5</td>
</tr>
<tr>
<td>LA3100 Business Law</td>
<td>4.5</td>
</tr>
<tr>
<td>MG1050 Principles of Marketing</td>
<td>4.5</td>
</tr>
<tr>
<td>MT2050 Principles of Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3000 International Business</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3250 Organizational Behavior</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3500 Managing Information Systems</td>
<td>4.5</td>
</tr>
<tr>
<td>Business Elective</td>
<td>4.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>54</strong></td>
</tr>
</tbody>
</table>

| General Education Core (39)        |              |
| Communications                     |              |
| EN1150 Composition I               | 4.5          |
| EN1300 Composition II              | 4.5          |
| EN2100 or Speech or                |              |
| EN2150 Interpersonal Professional Communication | 4.5 |
| **Total**                          | **13.5**     |

| Science                            |              |
| SC Science Electives               | 4.5          |
| **Total**                          | **4.5**      |

| Mathematics                        |              |
| MA Algebra Elective                | 4.5          |
| **Total**                          | **4.5**      |

| Humanities/Behavioral/Social Science|              |
| Humanities/Behavioral/Social Science Elective | 4.5 |
| **Total**                            | **4.5**      |

| General Education                  |              |
| CS1500 Strategies for Success      | 4.5          |
| CS2080 Career Management           | 3            |
| **Total**                          | **7.5**      |

| Computer Literacy                  |              |
| Introduction to CIS or CI Elective | 4.5          |
| **Total**                          | **4.5**      |

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Business Administration Major Core. See the “Graduation Requirements” section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)
Business Administration: Bachelor of Science Degree, Emphasis in Accounting

Managers today often need skills in financial management. The accounting emphasis provides the student with a strong background in financial accounting and budgeting as well as preparing the student for a career in management. The Bachelor of Science degree in Business Administration with an emphasis in Accounting prepares students for various management positions which also have responsibilities in budgeting and financial management. This option does not prepare the student for the Certified Public Accountant Examination.

Business Administration: Bachelor of Science Degree with Emphasis in Accounting

Requirements

186 Credits

Offered at Albuquerque, Austin, Denver, Ellsworth, Independence, Lee’s Summit, Overland Park, Rapid City, Rio Rancho and Sioux Falls. This program is also offered through NAU’s distance learning program. Some or all of the emphasis area courses may not be offered at the student’s home campus.

Business Administration Major Core   Credit Hours

(A minimum of 40.5 of the following 79.5 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1160</td>
<td>Principles of Accounting II</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1260</td>
<td>Principles of Accounting III</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2050</td>
<td>Macroeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2100</td>
<td>Microeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>FN3000</td>
<td>Business Finance I</td>
<td>4.5</td>
</tr>
<tr>
<td>LA3100</td>
<td>Business Law</td>
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<tr>
<td>MT4000</td>
<td>Operations Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4200</td>
<td>Business Ethics</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4210</td>
<td>Quantitative Analysis</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4440</td>
<td>Business Management Review</td>
<td>3</td>
</tr>
<tr>
<td>MT4450</td>
<td>Strategic Management **</td>
<td>4.5</td>
</tr>
</tbody>
</table>

79.5

Accounting Emphasis Core

(A minimum of 18 of the following 31.5 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC3050*</td>
<td>Intermediate Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC3100*</td>
<td>Intermediate Accounting II</td>
<td>4.5</td>
</tr>
<tr>
<td>AC3150*</td>
<td>Intermediate Accounting III</td>
<td>4.5</td>
</tr>
<tr>
<td>AC3400</td>
<td>Federal Income Tax I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC3450</td>
<td>Federal Income Tax II</td>
<td>4.5</td>
</tr>
<tr>
<td>AC3560</td>
<td>Accounting Information Systems</td>
<td>4.5</td>
</tr>
</tbody>
</table>

AC4050      Advanced Accounting I  4.5

Open Electives  9

General Education Core (66)

General Education (31.5) (Available for block transfer) ##

Communications

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>EN1150</td>
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Science

Science Electives  9

Humanities

Humanities Electives  9

Behavioral/Social Science

Behavioral/Social Science Electives  9

General Education (34.5) (Course-by-course transfer)

Communications

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
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13.5

Mathematics

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9

General Education

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7.5

Computer Literacy

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<tr>
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<tr>
<td>Introduction to CIS or CI Elective</td>
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4.5

*Required

**Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.

Students residing in the state of Texas:

## Block transfer is not available to these students.

Residents of the state of Minnesota or students attending any Minnesota campus:

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

## Block transfer is not available to these students.

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Business Administration Major Core and the Accounting Emphasis Core. See
Business Administration: Bachelor of Science Degree, Emphasis in Financial Management

This emphasis program is designed for business students who have a particular interest in the field of finance. In addition to preparing students for a wide range of career opportunities in areas such as banking, financial planning, and insurance, the program is also an excellent foundation for students who may wish to pursue a business-related graduate degree.

Business Administration: Bachelor of Science Degree with Emphasis in Financial Management

186 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown and Wichita. This program is also offered through NAU’s distance learning program. The financial management emphasis area of this program is only offered through NAU’s distance learning program. Some or all of the emphasis area courses may not be offered at the student’s home campus.

Business Administration Major Core Credit Hours

(A minimum of 40.5 of the following 79.5 credits must be earned at NAU.)

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<tr>
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<td>LA3100</td>
<td>Business Law</td>
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<tr>
<td>MG1050</td>
<td>Principles of Marketing</td>
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<td>MT2050</td>
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Financial Management Emphasis Core

Choose 31.5 of the 40.5 credits listed below; FN3010 is required.

(A minimum of 18 of the following 31.5 credits must be earned at NAU, excluding internship.)

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<td>Corporate Investment Decisions</td>
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<td>FN3100</td>
<td>Risk Management and Insurance</td>
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<td>FN3200</td>
<td>Financial Statement Analysis</td>
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Open Electives

9

General Education Core (66)

General Education (31.5) (Available for block transfer) ##

Communications

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<th>Credit Hours</th>
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<tr>
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Science

Science Electives

9

Humanities

Humanities Electives

9

Behavioral/Social Science

Behavioral/Social Science Electives

9

General Education (34.5) (Course-by-course transfer)

Communications

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<tr>
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Mathematics

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<tr>
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<th>Course Name</th>
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<tr>
<td>MA2050</td>
<td>College Algebra</td>
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<td>Business Statistics</td>
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General Education

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Computer Literacy

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<th>Course Code</th>
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<tr>
<td></td>
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<td></td>
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** Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.

Students residing in the state of Texas:

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Residents of the state of Minnesota or students attending any Minnesota campus:

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

## Block transfer is not available to these students.

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Business Administration Major Core and the Financial Management Emphasis Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

Business Administration: Bachelor of Science Degree, Emphasis in Human Resource Management

This emphasis program is designed for students who have an interest in the human resource management functions of business organizations. The program explores the broad human resource activities required to attract, maintain and develop an effective workforce, including strategic planning, recruitment and selection, training and development, appraising employee performance and compensation, and benefits administration. This exploration also includes a review of recent laws, court decisions, new technologies, and social forces that make human resource management a rapidly evolving career field. In addition, this program of study encourages students to develop a strategic mind-set in the context of human resource management policies and practices, and empowers them to become effective decision-makers in this specialized field of business management.

Human Resource Management Core

(A minimum of 18 of the following 31.5 credits must be earned at NAU, excluding internship.)

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<td>Employee and Labor Relations</td>
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<td>Employment Law</td>
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<td>MT4050</td>
<td>Training and Development</td>
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<td>MT4300</td>
<td>Management Across Cultures</td>
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<td>Strategic Human Resource Management</td>
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Open Electives

9

9

General Education Core (GG)

General Education (31.5) (Available for block transfer) ##

Communications

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Science

Science Electives

9

Humanities

Humanities Electives

9

Behavioral/Social Science

Behavioral/Social Science Electives

9

General Education (34.5) (Course-by-course transfer)

Communications

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Mathematics

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Business Administration: Bachelor of Science with Emphasis in Human Resource Management Requirements

186 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita and Zona Rosa. This program is also offered through NAU’s distance learning program. Some or all of the emphasis area courses may not be offered at the student’s home campus.

Business Administration Major Core Credit Hours

(A minimum of 40.5 of the following 79.5 credits must be earned at NAU.)

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79.5

MT3080 Compensation and Benefits  4.5
MT3100 Employee and Labor Relations  4.5
MT3230 Employment Law  4.5
MT4050 Training and Development  4.5
MT4300 Management Across Cultures  4.5
MT4420 Strategic Human Resource Management
MT4501 or MT4505 Human Resource Management Internship or Action Research Project  4.5

General Education Core (GG)

General Education (31.5) (Available for block transfer) ##

Communications

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Science

Science Electives

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Humanities

Humanities Electives

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Mathematics

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**General Education**

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**Computer Literacy**

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<tbody>
<tr>
<td></td>
<td>Introduction to CIS or CI Elective</td>
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</tbody>
</table>

**Academic Programs | Business**

**Business Administration: Bachelor of Science Degree, Emphasis in Information Systems**

This degree is intended for the business administration major who recognizes the increasing prevalence of information technology in the field of business and seeks proficiency in the use of such tools to facilitate the achievement of desired business goals. As with all the business administration degrees, a wide range of job opportunities is available, yet graduates of this program will have an advantage in their ability to use information technology to get the job done.

**Business Administration: Bachelor of Science Degree with Emphasis in Information Systems**

186 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita. This program is also offered through NAU’s distance learning program. Some or all of the emphasis area courses may not be offered at the student’s home campus.

**Business Administration Major Core Credit Hours**

(A minimum of 40.5 of the following 79.5 credits must be earned at NAU.)

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**Information Systems Emphasis Core**

(A minimum of 18 of the following 31.5 credits must be earned at NAU, excluding internship.)

| Option #1 Database Management |
|-------------------------------|------------------|
| CI1420 Principles of Programming                          | 4.5          |
| CI2011 Introduction to Database                            | 4.5          |
| CI2430 Computer Concepts                                    | 4.5          |
| CI2440 Introduction to Computer Security                   | 4.5          |
| CI3091 Database Design and Management                  | 4.5          |
| CI4220/MT4230 Project Management                          | 4.5          |
| CI4221 Systems Analysis and Design                        | 4.5          |

**Option #2 Network Management**

| CI2211 Internetworking Fundamentals                          | 4.5          |
| CI3000 CI Elective                                          | 4.5          |
| CI3670 Supporting Microsoft Windows Vista                  | 4.5          |
| CI4118 Network Infrastructure Configuration - Server 2008  | 4.5          |
| CI4138 Active Directory Configuration - Server 2008        | 4.5          |
| CI4158 Application Infrastructure Configuration - Server 2008 | 4.5          |
| CI4168 Enterprise Administration - Server 2008             | 4.5          |

**Option #3 Web Development**

| CI1420 Principles of Programming                          | 4.5          |
| CI2011 Introduction to Database                          | 4.5          |
| CI2020 Visual Basic                                       | 4.5          |
| CI2370 Web Design and Programming                        | 4.5          |
| CI3310 Web Site and Web Application Design               | 4.5          |
Business Administration: Bachelor of Science Degree, Emphasis in International Business

Increasingly, national, regional and even local markets have become more tightly integrated into a global marketplace. This degree program allows students the opportunity to focus on the international business dimension, its multiple facets, and in particular the implications that international business dealings have on the strategic decision-making of today’s business leaders. Career opportunities in the field of international business are diverse. Graduates of this program will have an advantage in working with firms that conduct international business dealings.

Business Administration: Bachelor of Science with Emphasis in International Business Requirements

186 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, and Wichita. This program is also offered through NAU’s distance learning program.

The international business emphasis area of this program is only offered through NAU’s distance learning program. Some or all of the emphasis area courses may not be offered at the student’s home campus.

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Business Administration Major Core and the Information Technology Emphasis Core. See the “Graduation Requirements” section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

### Business Administration Major Core Credit Hours

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1160</td>
<td>Principles of Accounting II</td>
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<td>AC1260</td>
<td>Principles of Accounting III</td>
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<tr>
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<tr>
<td>MG1050</td>
<td>Principles of Marketing</td>
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<tr>
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<tr>
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<tr>
<td>MT4450</td>
<td>Strategic Management **</td>
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</table>

*(A minimum of 40.5 of the following 79.5 credits must be earned at NAU.)*

---

**Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.**

Students residing in the state of Texas:

**Block transfer is not available to these students.**

Residents of the state of Minnesota or students attending any Minnesota campus:

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

---

**Block transfer is not available to these students.**

---

AC1060 Principles of Accounting I 4.5
AC1160 Principles of Accounting II 4.5
AC1260 Principles of Accounting III 4.5
EC2050 Macroeconomics 4.5
EC2100 Microeconomics 4.5
FN3000 Business Finance I 4.5
LA3100 Business Law 4.5
MG1050 Principles of Marketing 4.5
MT2050 Principles of Management 4.5
MT3000 International Business 4.5
MT3050 Human Resource Management 4.5
MT3250 Organizational Behavior 4.5
MT3500 Managing Information Systems 4.5
MT4000 Operations Management 4.5
MT4200 Business Ethics 4.5
MT4210 Quantitative Analysis 4.5
MT4440 Business Management Review 3
MT4450 Strategic Management ** 4.5

79.5
### International Business Emphasis Core
(At least 18 credits of the following 31.5 credits must be at NAU, excluding internship.)
Elective courses must be coded AC, CI, EC, FN, LA, MG, MT, OL or equivalent transfer.

<table>
<thead>
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<th>Course</th>
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#### Open Electives

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#### General Education Core

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#### Humanities

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#### Behavioral/Social Science

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#### Mathematics

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**Capstone Course - Senior level, minimum “C” grade required, must be completed at NAU.**

### Students residing in the state of Texas:

#### Residents of the state of Minnesota or students attending any Minnesota campus:

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

#### Business Administration: Bachelor of Science Degree, Emphasis in Management

This business administration program is intended for students who aspire to management positions in a wide range of private industries and governmental agencies. Furthermore, the program is designed to cultivate in students a strategic mindset that will empower them to reach innovative solutions to contemporary business challenges within their chosen business sector.

### Business Administration: Bachelor of Science with Emphasis in Management Requirements

186 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, and Wichita. This program is also offered through NAU’s distance learning program. Some or all of the emphasis area courses may not be offered at the student’s home campus.

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<tr>
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<td>Business Management Review</td>
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</table>
**Academic Programs**  
**Business**

### Management Emphasis Core

(A minimum of 18 of the following 31.5 credits must be earned at NAU. Excluding internship.)

Students must have at least three emphasis courses that are different from any other BS Business Administration program in which they are enrolled.

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<td>MT3230</td>
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<td>MT4300</td>
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**Management Emphasis Core**

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Open Electives

9

### General Education Core

General Education (31.5) (Available for block transfer) ##

#### Communications

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<tr>
<th>Course</th>
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<th>Credit Hours</th>
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<tbody>
<tr>
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#### Science

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#### Humanities

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#### Behavioral/Social Science

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<tr>
<th>Course</th>
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<tbody>
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<td>Behavioral/Social Science Electives</td>
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General Education (24.5) (Course-by-course transfer)

#### Communications

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<td>EN2150</td>
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#### Mathematics

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#### General Education

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#### Business Administration: Bachelor of Science Degree, Emphasis in Marketing

Among the specializations a student may choose from in the field of business administration, ‘marketing’ is currently one of the fastest growing career fields. This degree program prepares students to effectively understand and evaluate marketing alternatives and be able to apply critical marketing-related skills. Moreover, this program is an excellent choice for students seeking a career in areas such as retail management, sales management, marketing research, advertising and promotion.

#### Business Administration: Bachelor of Science with Emphasis in Marketing Requirements

186 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, and Wichita. This program is also offered through NAU’s distance learning program.

The marketing emphasis area of this program is only offered through NAU’s distance learning program. Some or all of the emphasis area courses may not be offered at the student’s home campus.

#### Business Administration Major Core Credit Hours

(A minimum of 40.5 of the following 79.5 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
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<td>LA3100</td>
<td>Business Law</td>
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### Academic Programs

#### Business Administration: Bachelor of Science Degree, Emphasis in Pre-Law

For students whose goal is to attend law school, National American University offers a Bachelor of Science degree in Business Administration, with emphasis in Pre-law. The curriculum is designed to provide students with a foundation of knowledge and skills to facilitate their success in law school. Specialized courses promote the development of analytical and critical thinking skills, verbal and written communication skills, a fundamental understanding of substantive and procedural law, legal research skills, and knowledge of ethical guidelines governing the conduct of attorneys. Other courses in business and general education provide students with a broad base of knowledge for success in today's complex society.

Students who earn this degree may apply for admission to law school. Students should check the admission requirements of each law school in which they are interested in attending. Generally, to be admitted into law school, a person must have earned a bachelor's degree with a high grade point average and have performed well on the Law School Admission Test. Success in gaining admission to, and achieving success in law school is contingent upon the ability and effort of each student. Receipt of this degree does not ensure that a student will be admitted to, or succeed in law school.

Students who receive this degree, but do not subsequently earn a law degree, may pursue a variety of careers in which the above-mentioned knowledge and skills may be utilized. In many states, a person with this degree may qualify as a
For a paralegal or legal assistant who can assist a licensed attorney, subject to state regulations. Only licensed attorneys may practice law. A person who earns this degree may not engage in activities considered to be the practice of law, including giving legal advice, representing a client in court, or setting legal fees.

**Business Administration: Bachelor of Science with Emphasis in Pre-Law Requirements**  
186 Credits

Offered at Independence, Lee’s Summit, Overland Park, Rapid City and Sioux Falls.

**Business Administration Major Core**  
Credit Hours

(A minimum of 40.5 of the following 79.5 credits must be earned at NAU.)

<table>
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<tr>
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<td>4.5</td>
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**Total:** 79.5

**Pre-Law Emphasis Core**  
(A minimum of 18 of the following 31.5 credits must be earned at NAU.)

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**Total:** 31.5

**Open Electives**  
Credit Hours

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**General Education Core (46)**

**General Education (31.5) (Available for block transfer)**

**Communications**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
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**Mathematics**

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
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<tr>
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<tbody>
<tr>
<td>CS1500</td>
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<tr>
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**Total:** 7.5

**Computer Literacy**

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<tr>
<td>Introduction to CIS or CI Elective</td>
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**Total:** 4.5

**General Education Core (34.5) (Course-by-course transfer)**

**Communications**

<table>
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<th>Course Code</th>
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<tbody>
<tr>
<td>EN1300</td>
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<tr>
<td>EN2100 or</td>
<td>Speech or</td>
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</tr>
<tr>
<td>EN2150</td>
<td>Interpersonal Professional Communications</td>
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**Total:** 13.5

**Mathematics**

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<tr>
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**Total:** 9

**General Education**

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**Total:** 7.5

**Computer Literacy**

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**Total:** 4.5

**Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.**

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Business Administration Major Core and the Pre-Law Emphasis Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

**Business Administration: Bachelor of Science Degree, Emphasis in Tourism and Hospitality Management**

The tourism industry, which includes travel and tourism; restaurants and food and beverage services; lodging; and recreation, amusement and attractions, is one of the largest and fastest-growing industries in the world. This degree program, which is offered at the Rapid City campus, combines business and specialty course work with internship opportunities to...
prepare graduates for management positions in private sector and public sector organizations.

Course schedules are flexible for those who wish to attend classes on a full-time or part-time basis. The program may also be combined with job opportunities in the region’s tourism and hospitality industry in order to gain practical experience during program enrollment.

Graduates will be prepared to seek management positions in tourism and hospitality organizations that provide services and products to those who are away from home. The program also provides an excellent foundation for graduates that wish to pursue business-related graduate degrees.

**Business Administration: Bachelor of Science with Emphasis in Tourism and Hospitality Management Requirements**

186 Credits

Offered at Rapid City

### Business Administration Major Core Credit Hours

(A minimum of 40.5 of the following 79.5 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>AC1060</td>
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<tr>
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<td>Principles of Accounting II</td>
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<td>AC1260</td>
<td>Principles of Accounting III</td>
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<td>EC2050</td>
<td>Macroeconomics</td>
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<td>EC2100</td>
<td>Microeconomics</td>
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<td>FN3000</td>
<td>Business Finance I</td>
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<td>LA3100</td>
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<tr>
<td>MT3000</td>
<td>International Business</td>
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<td>MT3050</td>
<td>Human Resource Management</td>
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<tr>
<td>MT3250</td>
<td>Organizational Behavior</td>
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<tr>
<td>MT3500</td>
<td>Managing Information Systems</td>
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<td>MT4000</td>
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<td>MT4200</td>
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<td>MT4210</td>
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<td>MT4440</td>
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<td>Strategic Management **</td>
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**Open Electives**

9

**General Education Core** (66)

General Education (31.5) (Available for block transfer) ##

### Communications

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
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### Science

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<tr>
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### Humanities

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**General Education (34.5) (Course-by-course transfer)**

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**Computer Literacy**

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<tr>
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**Tourism and Hospitality Emphasis Core**

(A minimum of 18 of the following 31.5 credits must be earned at NAU.)

<table>
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<td>Introduction to Tourism and Hospitality</td>
<td>4.5</td>
</tr>
<tr>
<td>TM2000</td>
<td>Food Service and Lodging Management</td>
<td>4.5</td>
</tr>
<tr>
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<td>IT Applications for Tourism and Hospitality</td>
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<td>TM2250</td>
<td>Destination Tourism</td>
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<td>TM2500</td>
<td>Tourism and Hospitality Marketing</td>
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<td>TM3000</td>
<td>Event and Convention Management</td>
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<tr>
<td>TM4500</td>
<td>Tourism and Hospitality Management Internship</td>
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**Open Electives**

9

**General Education Core (66)**

**General Education (31.5) (Available for block transfer) ##

### Communications

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**Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.**

**Graduation Requirements:** A minimum 2.0 GPA is required overall and in the Business Administration Major Core and the Tourism and Hospitality Emphasis Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)
CRIMINAL JUSTICE

Criminal Justice: Bachelor of Science Degree

For students whose goal is to pursue a career in the field of criminal justice, National American University offers the criminal justice bachelor of science degree. The curriculum is designed to provide students with the knowledge, skills and abilities for the career fields of criminal justice. Graduates of the criminal justice bachelor of science degree program are prepared to apply for entry-level employment in policing, courts or corrections and also to advance from entry-level employment to the supervisory and administrative levels of these career fields once they have attained the requisite entry-level experience. Policing and institutional corrections employment also will require the completion of a training academy. The criminal justice degree serves as a foundation for career positions such as police officer, deputy sheriff, state highway patrol officer, court clerk, court bailiff, corrections officer, probation officer, parole officer, as well as various federal law enforcement positions. Many criminal justice agencies today require applicants to have, at a minimum, an associate degree, if not a bachelor’s degree for entry-level employment. In addition to the bachelor’s degree being a requirement for entry-level employment in various skilled justice agencies, it is often criteria for higher skilled employment and higher pay scales. In some agencies, the bachelor’s degree can be a requirement or weighted factor in the promotion process. Promotional advancement may be attained earlier with the bachelor’s degree.

Students entering the criminal justice program should be aware that graphic images depicting violent crimes are utilized as teaching tools in various courses. Students should be prepared to view these images and to engage in discussions regarding these images as part of their required learning activities.

Program Goals

The program will:

• provide students with the knowledge of the components of criminal justice: policing, courts and corrections.

• provide students with a systems theory perspective of how the criminal justice system is intended to work and the reality of how the system actually works, creating the issues and dilemmas that criminal justice professionals must manage and solve.

• develop the critical thinking skills of students to evaluate criminal justice issues and develop analytical strategies to solve complex criminal justice problems.

• develop the teamwork skills of students to work on criminal justice teams to perform essential functions.

• develop the managerial skills of students for criminal justice administrative work.

• develop the written and oral skills of students to perform the essential communication functions of criminal justice work such as communication with personnel, government and the community.

• encourage students to pursue continuing education and memberships in professional organizations.

• prepare students for promotional opportunities in the criminal justice field and for graduate education that will enhance their administrative capabilities for criminal justice careers.

Student Learning Outcomes

Graduates of the program will:

• demonstrate knowledge of the criminal justice system and the reality of its operation.

• demonstrate knowledge of the issues and dilemmas facing contemporary criminal justice.

• apply their analytical skills to applied, professional tasks and team efforts in criminal justice.

• apply their knowledge to critical issues in criminal justice and develop solutions.

• critically evaluate current criminal justice strategies for strengths and weaknesses, and reformulate policy to enhance criminal justice efficiency.

• apply their managerial and leadership skills in the supervision of personnel and their fulfillment of administrative tasks.

• apply administrative knowledge in their understanding of the chain of command and managerial issues in criminal justice work, from the perspective of the supervised and the supervisor.

• demonstrate the leadership skills necessary to establish the professional and ethical standards required in criminal justice employment.

• express their knowledge of criminal justice issues, evaluation methods, and policy solutions using both written and oral communication strategies.

Criminal Justice: Bachelor of Science Degree Requirements

187.5 Credits

The blended delivery format is offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita, and Zona Rosa and requires students to complete the Criminal Justice Major Core through NAU’s distance learning program. This program is also offered through NAU’s distance learning program and at Bloomington.

Criminal Justice Major Core Credit Hours

(A minimum of 31.5 of the following 67.5 credits must be earned at NAU, excluding internship.)

<table>
<thead>
<tr>
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<td>Criminological Theory</td>
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<td>CJ2300*</td>
<td>U.S. Courts</td>
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<tr>
<td>CJ2400*</td>
<td>U.S. Corrections</td>
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<tr>
<td>CJ3000*</td>
<td>Victimology</td>
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### Academic Programs | Criminal Justice

<table>
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<td>CJ2000*</td>
<td>Criminal Law</td>
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<tr>
<td>CJ2150*</td>
<td>Professionalism and Ethics in Criminal Justice</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ2200</td>
<td>Policing in U.S. Society</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ2300*</td>
<td>Juvenile Justice and Delinquency</td>
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<td>CJ3100*</td>
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<td>CJ3200*</td>
<td>Police Issues and Practices</td>
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<td>CJ3300*</td>
<td>Criminal Justice Administration</td>
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<td>CJ3400*</td>
<td>Drug and Alcohol in Criminal Justice</td>
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<td>CJ3500*</td>
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<td>Justice Capstone**</td>
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<td>CJ4300*</td>
<td>Drugs and Alcohol in Criminal Justice</td>
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<td>CJ4400*</td>
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<td>Homeland Security and Terrorism</td>
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<td>CJ4700*</td>
<td>Applied Research Methods</td>
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<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3050</td>
<td>Human Resource Management</td>
<td>4.5</td>
</tr>
<tr>
<td>PL2350</td>
<td>Criminal Procedure</td>
<td>4.5</td>
</tr>
<tr>
<td>PL3400</td>
<td>Evidence/Exclusionary Rule</td>
<td>4.5</td>
</tr>
</tbody>
</table>

### Support Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ1000*</td>
<td>Introduction to Criminal Justice</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ2000*</td>
<td>Criminal Law</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ2150*</td>
<td>Professionalism and Ethics in Criminal Justice</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ2200</td>
<td>Policing in U.S. Society</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ2300*</td>
<td>Juvenile Justice and Delinquency</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ3100*</td>
<td>Criminal Investigation</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ3200*</td>
<td>Police Issues and Practices</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ3300*</td>
<td>Criminal Justice Administration</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ3400*</td>
<td>Drug and Alcohol in Criminal Justice</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ3500*</td>
<td>Homeland Security and Terrorism</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ4000*</td>
<td>Criminal Justice Internship (Option A) or Option B#</td>
<td>13.5</td>
</tr>
<tr>
<td>CJ4100*</td>
<td>Criminal Justice Internship (Option B)</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ4200*</td>
<td>Justice Capstone**</td>
<td>4.5</td>
</tr>
</tbody>
</table>

### Option 1 - Required Support Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT3050</td>
<td>Human Resource Management</td>
<td>4.5</td>
</tr>
<tr>
<td>PL2350</td>
<td>Criminal Procedure</td>
<td>4.5</td>
</tr>
<tr>
<td>PL3400</td>
<td>Evidence/Exclusionary Rule</td>
<td>4.5</td>
</tr>
</tbody>
</table>

### Option 2 – Associate Degree in Law Enforcement, Criminology, Criminal Justice or Forensics Courses

### General Education Core (66)

General Education (31.5) (Available for block transfer) ##

### Communications

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
<td>4.5</td>
</tr>
</tbody>
</table>

### Science

Science Electives | 9

### Humanities

Humanities Electives | 9

### Behavioral/Social Science

Behavioral/Social Science Electives | 9

### General Education (34.5) (Course-By-Course Transfer)

### Communications

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1300</td>
<td>Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or</td>
<td>Speech or</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2150</td>
<td>Interpersonal Professional Communications</td>
<td>4.5</td>
</tr>
</tbody>
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### Mathematics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA2050</td>
<td>College Algebra</td>
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</tr>
<tr>
<td>MA3000</td>
<td>Business Statistics</td>
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</table>

### General Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
<td>4.5</td>
</tr>
<tr>
<td>CS2080</td>
<td>Career Management</td>
<td>3.0</td>
</tr>
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</table>

### Computer Literacy

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN3050</td>
<td>Technical Communications</td>
<td>4.5</td>
</tr>
</tbody>
</table>

### #Option A

#### No CJ Experience

Students with no documented criminal justice employment experience and not currently employed in a criminal justice position will be required to complete 13.5 credits of internship unless waived by the program chair.

#### Option B

#### CJ Experience

Students with documented criminal justice employment experience, with advisor approval:

1. may choose additional courses from a list of recommended courses to replace the required internship credits and further develop their administrative and leadership skills, OR

2. may transfer 13.5 credits of major courses from associate degrees in law enforcement, criminology, criminal justice, forensics, or military/security police to replace the required internship credits.

*Professional Course, minimum "C" grade required

**Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.

^ Or placement recommendation

^^ Or electives at the 3000+ level

### Students residing in the state of Texas:

### ## Block transfer is not available to these students.

### Residents of the state of Minnesota or students attending any Minnesota campus:

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

### ## Block transfer is not available to these students.

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Criminal Justice Major Core. See the "Graduation Requirements" section of the catalog for additional requirements

(The university reserves the right to correct clerical errors.)

### Criminal Justice: Associate of Applied Science

For students whose goal is to pursue a career in the field of criminal justice, National American University offers the
criminal justice associate of applied science degree. The curriculum is designed to provide students with a foundation in the knowledge, skills and abilities for the criminal justice career field. Students who earn the associate of applied science degree are prepared for entry-level employment in policing, courts and corrections. Policing and institutional corrections employment will also require the completion of a training academy. The associate degree can be a requirement for entry-level employment in various criminal justice agencies and is often criteria for higher skilled employment and higher pay scales. In some agencies, the associate of applied science degree can be a requirement or weighted factor in the promotion process. The student with an associate of applied science degree in criminal justice is qualified to apply for the positions of police patrol officer, court clerk, court bailiff, correctional officer, probation officer, parole officer, and some federal positions with the requisite law enforcement experience.

Students entering the criminal justice program should be aware that graphic images depicting violent crimes are utilized as teaching tools in various courses. Students should be prepared to view these images and to engage in discussions regarding these images as part of their required learning activities.

**Program Goals**
The program will:

- provide students with the knowledge of the components of criminal justice: policing, courts, and corrections.
- provide students with a systems theory perspective of how the criminal justice system is intended to work and the reality of how the system actually works, creating the issues and dilemmas that criminal justice professionals must manage and solve.
- develop the teamwork skills of students to work on criminal justice teams to perform essential functions.
- develop the written and oral skills of students to perform the essential communication functions of criminal justice work such as communication with personnel, government and the community.
- encourage students to pursue continuing education and memberships in professional organizations.
- prepare students for promotional opportunities in the criminal justice field and for seeking the bachelor’s degree that will provide them with the skills needed to perform administrative tasks in criminal justice careers.

**Student Learning Outcomes**
Graduates of the program will:

- demonstrate knowledge of the criminal justice system and the reality of its operation.
- demonstrate knowledge of the issues and dilemmas facing contemporary criminal justice.
- apply their analytical skills to applied, professional tasks and team efforts in criminal justice.
- express their knowledge of criminal justice issues using both written and oral communication strategies.

---

**Criminal Justice: Associate of Applied Science Requirements**

**93 Credits**

The blended delivery format is offered at Albuquerque, Austin, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita, and Zona Rosa and requires students to complete the Criminal Justice Major Core through NAU’s distance learning program. This program is also offered through NAU’s distance learning program and at Bloomington.

**Criminal Justice Major Core**

(A minimum of 22.5 of the following 40.5 credits must be earned at NAU, excluding internship.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CJ1000*</td>
<td>Introduction to Criminal Justice</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ1500*</td>
<td>Criminological Theory</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ2100*</td>
<td>Criminal Law</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ2150*</td>
<td>Professionalism and Ethics in Criminal Justice</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ2200*</td>
<td>Policing in U.S. Society</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ2300*</td>
<td>U.S. Courts</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ2400*</td>
<td>U.S. Corrections</td>
<td>4.5</td>
</tr>
<tr>
<td>CJ</td>
<td>Criminal Justice Internship</td>
<td>9</td>
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</table>

*(Option A) or Option B*  

**Support Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
</tr>
<tr>
<td>PL2350</td>
<td>Criminal Procedure</td>
<td>4.5</td>
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</table>


**General Education Core (43.5)**

**Communications**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
<td>4.5</td>
</tr>
<tr>
<td>EN1300</td>
<td>Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or</td>
<td>Speech or</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2150</td>
<td>Interpersonal Professional Communications</td>
<td>4.5</td>
</tr>
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</table>

**Science**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Science Electives</td>
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**Mathematics**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Algebra Elective</td>
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**Humanities**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities Elective</td>
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**Behavioral/Social Sciences**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behavioral/Social Sciences Elective</td>
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</table>
# General Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
<td>4.5</td>
</tr>
<tr>
<td>CS2080</td>
<td>Career Management</td>
<td>3</td>
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<td></td>
<td><strong>Total</strong></td>
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# Computer Literacy

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to CIS or CI</td>
<td>Elective</td>
<td>4.5</td>
</tr>
</tbody>
</table>

# Option A

No CJ Experience

Students with no documented criminal justice employment experience and not currently employed in a criminal justice position will be required to complete nine credits of internship.

# Option B

CJ Experience

Students with documented criminal justice employment experience, with advisor approval, may choose additional courses from a list of recommended courses to replace the internship hours to further develop their administrative and leadership skills.

* Professional Course, minimum “C” grade required

^ Or placement recommendation

Resident of the state of Minnesota or students attending any Minnesota campus:

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Criminal Justice Major Core. See the “Graduation Requirements” section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)
HEALTH AND BEAUTY MANAGEMENT

Health and Beauty Management: Associate of Applied Science Degree

The Health and Beauty Management program prepares the licensed cosmetologist to own or operate a beauty parlor, salon or spa or to manage his or her own booth. This degree is designed for individuals who have earned a cosmetology certificate or diploma and have successfully passed their state board of cosmetology exam. A maximum of 60 quarter credit hours from a cosmetology certificate or diploma program is required to transfer into the health and beauty vocational core.

Students are able to add business skills to their industry knowledge and experiences through a performance-based curriculum that includes studies in management, marketing, communication, and career management. This program is an excellent option for students who wish to pursue a management career or become an entrepreneur in the health and beauty sector.

Health and Beauty Management Program Goals

The program will:

• create a caring and supportive learning environment that promotes academic excellence and student achievement through the use of a performance-based curriculum while being responsive to the individual needs of the student.

• provide students with a fundamental knowledge of business development, operations, and management as it relates to the health and beauty industry.

• integrate students’ previous education and practical experiences with knowledge and skills from the business field.

• promote the importance of professional development and lifelong learning.

• encourage students to maintain a work-life balance by managing their careers.

Health and Beauty Management Student Learning Outcomes

Graduates of the program will:

• create a comprehensive business plan.

• demonstrate proficiency in written and oral communication skills.

• recognize the value of lifelong learning and the importance of involvement in professional organizations.

• identify a variety of employment options in the health and beauty sector.

Health and Beauty Management: Associate of Applied Science Degree Requirements

100.5 Credits

This program is also offered through NAU’s distance learning program in all states except Minnesota.

Major Core (6)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>HB2100</td>
<td>6</td>
</tr>
<tr>
<td>Health and Beauty</td>
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</tr>
<tr>
<td>Vocational Core</td>
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</table>

General Education Core (34.5)

Communications

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1150 Composition I</td>
<td>4.5</td>
</tr>
<tr>
<td>EN1300 Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or Speech</td>
<td></td>
</tr>
<tr>
<td>EN2150 Interpersonal</td>
<td>4.5</td>
</tr>
<tr>
<td>Professional Communications</td>
<td></td>
</tr>
</tbody>
</table>

Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Elective</td>
<td>4.5</td>
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</table>

Mathematics

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA Algebra Elective</td>
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</tbody>
</table>

Humanities/Behavioral/Social Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>Science Elective</td>
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General Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CS1500 Strategies for Success</td>
<td>4.5</td>
</tr>
<tr>
<td>CS2080 Career Management</td>
<td>3</td>
</tr>
</tbody>
</table>

^ Or placement recommendation

Students must pass the state board of cosmetology exam to earn this degree.

Students must present a copy of their state cosmetology license during the enrollment process to be enrolled into the Health and Beauty program.

Students can transfer a maximum of 60 quarter credit hours from their accredited cosmetology program into the vocation core, with a valid license. If the 60 quarter credits are not met, the student can make up the difference using approved business electives (courses coded AC, EC, FN, MG, MT, OL).

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Major Core. See the “Graduation Requirements” section of the catalog for additional requirements.

The blended delivery format is offered at Albuquerque, Austin, Colorado Springs, Colorado Springs Education Center, Denver, Rapid City, Rio Rancho, Sioux Falls and Watertown.
HEALTHCARE MANAGEMENT

Healthcare Management: Bachelor of Science Degree

The healthcare management program is designed to provide students with the necessary skills to become effective managers and leaders within the healthcare industry. Graduates can expect to find career opportunities in management positions within the diverse healthcare field or within their own area of clinical/professional expertise.

Program Goals

The program will:

- provide students with a fundamental knowledge of healthcare accounting, marketing, finance, law, management/supervision, and healthcare perspectives needed for managerial positions in the healthcare industry.
- develop students’ capabilities in research and current technology, for application and use in data collection, and business analysis as it applies to health care.
- provide students with the opportunity to develop their oral and written business communication skills.
- provide students with the tools for critical thinking to enable them to analyze problems by identifying and evaluating alternative solutions to problem-solving.
- involve students in teamwork/leadership development through participation in classroom and/or online discussion groups, assignments, written papers, and learning activities.
- provide students with an understanding of professional and personal ethics and its application within the healthcare business environment.
- measure key student learning outcomes, and identify and implement opportunities for improvement.

Student Learning Outcomes

Graduates of the program will:

- apply management and leadership concepts and principles to define successful business strategies in health care that are both professional and ethical.
- demonstrate fundamental knowledge of healthcare laws and regulations, quality improvement, information management and healthcare technology, as well as healthcare finance.
- recognize and articulate specific knowledge of healthcare organizational structure and governance including human resources knowledge as a mechanism for leadership problem resolution.
- demonstrate critical thinking skills to analyze problems by identifying and evaluating appropriate alternative solutions according to healthcare business practices.
- show proficiency in written and oral communication skills.

Healthcare Management: Bachelor of Science Requirements

187 Credits

The blended delivery format is offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita and Zona Rosa and requires students to complete the Healthcare Management Major Core through NAU’s distance learning program. This program is also offered through NAU’s distance learning program.

Healthcare Management Major Core

(A minimum of 24 of the following 48 credits must be earned at NAU in the online delivery format.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>HA3010D*</td>
<td>Introduction to U.S. Healthcare</td>
<td>4</td>
</tr>
<tr>
<td>HA3110D*</td>
<td>Quality Improvement and Risk Management</td>
<td>4</td>
</tr>
<tr>
<td>HA3120D*</td>
<td>Essentials of Managed Care</td>
<td>4</td>
</tr>
<tr>
<td>HA3220D*</td>
<td>Health Information Systems</td>
<td>4</td>
</tr>
<tr>
<td>HA3300D*</td>
<td>Healthcare Policy and Ethics</td>
<td>4</td>
</tr>
<tr>
<td>HA4050D*</td>
<td>Healthcare Law</td>
<td>4</td>
</tr>
<tr>
<td>HA4070D*</td>
<td>Regulatory Environment in Health Care</td>
<td>4</td>
</tr>
<tr>
<td>HA4110D*</td>
<td>Healthcare Planning and Evaluation</td>
<td>4</td>
</tr>
<tr>
<td>HA4120D*</td>
<td>Management of Continuum Care Services</td>
<td>4</td>
</tr>
<tr>
<td>HA4200D*</td>
<td>Healthcare Financial Management</td>
<td>4</td>
</tr>
<tr>
<td>HA4300D*</td>
<td>Healthcare Management and Supervision**</td>
<td>4</td>
</tr>
<tr>
<td>HA4500D*</td>
<td>Action Research Project</td>
<td>4</td>
</tr>
<tr>
<td>HA4510D</td>
<td>Healthcare Internship</td>
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Support Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1160</td>
<td>Principles of Accounting II</td>
<td>4.5</td>
</tr>
<tr>
<td>CI1230 or CI2010</td>
<td>Spreadsheets for Windows or Database for Windows</td>
<td>4.5</td>
</tr>
<tr>
<td>MG1050</td>
<td>Principles of Marketing</td>
<td>4.5</td>
</tr>
<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
</tr>
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</table>

Option 1 – Required Support Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC2050</td>
<td>Macroeconomics</td>
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<tr>
<td>EC2100</td>
<td>Microeconomics</td>
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</tr>
<tr>
<td>ME1150</td>
<td>Medical Terminology</td>
<td>4.0</td>
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<td>MT3050</td>
<td>Human Resource Management</td>
<td>4.5</td>
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<tr>
<td>3000+</td>
<td>Business Electives #</td>
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<td>Open Elective #</td>
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</table>

OR

OR
**Option 2 - Diploma or Associate Degree in Nursing or Allied Health Required**

Diploma or Associate Degree Nursing or Allied Health Courses (44.5 credits) **^**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
<td><strong>General Education Core</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Communications</strong></td>
<td>General Education Core (27) (Available for block transfer) <strong>##</strong></td>
<td></td>
</tr>
<tr>
<td>EN1150</td>
<td>Composition I</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td><strong>Humanities</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Humanities Electives</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td><strong>Behavioral/Social Science</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Behavioral/Social Science Electives</td>
<td>9</td>
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<tr>
<td></td>
<td><strong>General Education</strong></td>
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<tr>
<td></td>
<td>General Education Elective</td>
<td>4.5</td>
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<tr>
<td></td>
<td>**General Education (45) (Course-by-course transfer) <strong>##</strong></td>
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<tr>
<td>EN1300</td>
<td>Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or EN2150</td>
<td>Speech or Interpersonal Professional Communications</td>
<td>4.5</td>
</tr>
<tr>
<td>EN3050</td>
<td>Technical Communications</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td><strong>Science</strong></td>
<td></td>
</tr>
<tr>
<td>SC1221 or SC1222D</td>
<td>Essentials of Anatomy and Physiology with Lab</td>
<td>6</td>
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<tr>
<td>SC</td>
<td>Science Elective</td>
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<tr>
<td></td>
<td><strong>Mathematics</strong></td>
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<tr>
<td>MA2050</td>
<td>College Algebra</td>
<td>4.5</td>
</tr>
<tr>
<td>MA3000</td>
<td>Business Statistics</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td><strong>General Education</strong></td>
<td></td>
</tr>
<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
<td>4.5</td>
</tr>
<tr>
<td>CS2080</td>
<td>Career Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Computer Literacy</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Introduction to CIS or CI Elective</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**^ Or business electives at the 3000+ level**

Residents of the state of Minnesota or students attending any Minnesota campus:

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

## Block transfer is not available to these students.

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Healthcare Management Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

---

* Or placement recommendation

# Courses must be coded AC, CI, EC, FN, LA, MG, MT, OL or equivalent transfer.

* Professional Course, minimum "C" grade required

** Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.
INFORMATION TECHNOLOGY

The computer industry continues to grow at an unprecedented rate, making the demand exceptionally high for people with information technology skills. The university offers a wide variety of degree options to prepare graduates for high-tech positions in software development, network administration, network management, Internet systems development, and management information systems.

Applied Information Technology: Bachelor of Science

The applied information technology degree is designed to provide the flexibility to integrate specialized technology and skills into a customized information technology program. It is intended for individuals with degrees, diplomas, certificates or certifications in specialty areas, such as information technology, computer science, programming, networks, computer aided design and database, or other related areas. A minimum of 27 credit hours in one specialty area is required to complete this program. This degree prepares the graduate for advancement in management or technical areas associated with their specialty field. Two options are available under this program: (1) transfer of credit from the source of the specialty training, or (2) creation of a specialty area using approved National American University courses.

Program Goals

The program will:

- provide students with knowledge of current information technology, the foundation knowledge of business operations and practices, and the analytical skills to support the information needs of a business.
- develop the problem-solving skills needed to adapt technology to meet the needs of business.
- provide students with methods to analyze, design, implement and maintain computer-based information systems to support the decision-making function of management.
- provide a balanced curriculum that addresses the knowledge and skills related to programming, databases, operating systems, and networking in business environments.
- prepare students to secure positions commensurate with their emphasis areas (network administration, network management, management information systems, or Internet systems development).
- encourage students to participate in continuing education activities and maintain professional memberships.
- measure key student learning outcomes continuously, and identify and implement opportunities for improvement.

Student Learning Outcomes

Graduates of the program will:

- support the data management needs of business through the design, implementation and maintenance of relational databases.
- solve a variety of business problems through the application of structured program analysis and design concepts.
- explain current networking technologies including local area networks, wide area networks, the Internet, and the hardware and software used in constructing a network infrastructure.
- implement and manage commonly used computer operating systems including both proprietary and open source systems.
- identify, describe, install and configure the hardware associated with personal computer systems.
- establish the information technology needs of a business and plan an appropriate solution and procurement strategy.
- demonstrate the use of project management techniques within an appropriate system analysis and design life cycle framework to develop an information system.

Applied Information Technology: Bachelor of Science Degree Requirements

186 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Denver, Ellsworth, Minnetonka, Rapid City, Rio Rancho, Roseville, Sioux Falls and Watertown. This program is also offered through NAU’s distance learning program.

Information Technology Major Core Credit Hours

(A minimum of 27 of the following 49.5 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI1420</td>
<td>Principles of Programming (1)</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2011</td>
<td>Database for Windows</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2211</td>
<td>Introduction to Database</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2430</td>
<td>Computer Concepts</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3010</td>
<td>Linux</td>
<td>4.5</td>
</tr>
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<td>CI3091</td>
<td>Intermediate Database</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3155</td>
<td>Computer Ethics</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3310</td>
<td>Web site and Web Application Design</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4220/</td>
<td>Project Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4230</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CI4221</td>
<td>Systems Analysis and Design</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4222</td>
<td>Integrative Systems Project**</td>
<td>4.5</td>
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</table>

**Note:** Credit Hours: 49.5

Support Core (18)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1160</td>
<td>Principles of Accounting II</td>
<td>4.5</td>
</tr>
<tr>
<td>MG1050</td>
<td>Principles of Marketing</td>
<td>4.5</td>
</tr>
<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
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</tbody>
</table>

**Note:** Credit Hours: 18

Specialty Information Technology Core* (Maximum 43.5/Minimum 27 credits in the specialty area.)

If the maximum 43.5 credits are not met in the specialty core, the difference must be made up by choosing open electives.
Students must have at least three specialty courses that are different from any other BS IT emphasis program in which they are enrolled.

Open Electives 18 18

General Education Core (57)

General Education (Available for block transfer – 22.5) ##

Communications
EN1150  Composition I 4.5 4.5

Science
Science Elective 4.5 4.5

Humanities
Humanities Elective 4.5 4.5

Behavioral/Social Science
Behavioral/Social Science Elective 4.5 4.5

General Education
General Education Elective 4.5 4.5

General Education (34.5) (Course-by-course transfer)

Communications
EN1300  Composition II 4.5
EN2100 or Speech or
EN2150  Interpersonal Professional Communications 4.5
EN3050  Technical Communications 4.5 13.5

Mathematics
MA2050  College Algebra 4.5
MA3000  Business Statistics 4.5 9

Behavioral/Social Science (9)
EC2050  Macroeconomics 4.5
EC2100  Microeconomics 4.5 9

General Education
CS2080  Career Management 3 3

Residents of the state of Minnesota or students attending any Minnesota campus:
must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

## Block transfer is not available to these students.

Graduation Requirements: A minimum 2.0 GPA is required overall in the Information Technology Major Core. See the “Graduation Requirements” section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

Applied Information Technology: Associate of Applied Science Degree

This program of study prepares graduates for various entry-level positions in the information system field with a balanced overview of technology in the major core. Students are encouraged to work with their advisors to design a program in their area of interest and their technology-related certifications, which may be in Microsoft networking, Cisco networking, or other technical disciplines. Graduates may qualify for positions such as network administrators, network engineers, or other technical positions.

Program Goals
The program will:

• assist students in developing the problem-solving skills needed to adapt technology to meet the needs of business.
• provide students with methods to analyze, design, implement and maintain computer-based information systems to support the decision-making function of management.
• prepare students to secure positions commensurate with their information technology specialty core.
• provide a balanced curriculum that addresses fundamental knowledge and skills related to business, programming, operating systems, and databases in business environments.
• encourage students to participate in continuing education activities and maintain professional memberships.
• continuously measure key student-learning outcomes.

Student Learning Outcomes
Graduates of the program will:

• install, maintain, and troubleshoot current networking technologies including local area networks, wide area networks, the Internet, and the hardware and software used in constructing a network infrastructure.
• implement and manage commonly used computer operating systems, including both proprietary and open source systems.
• examine, install and configure the hardware associated with personal computer systems.
• design, implement and manage a network infrastructure to support management and production functions in business or industry.
• apply ethical decision-making models in the information technology environment.

**Applied Information Technology: Associate of Applied Science Requirements**

93 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown and Wichita. This program is also offered through NAU’s distance learning program.

**Information Technology Major Core**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Business Elective</td>
<td>4.5</td>
</tr>
<tr>
<td>Operating Systems Elective</td>
<td>4.5</td>
</tr>
<tr>
<td>Programming Elective</td>
<td>4.5</td>
</tr>
<tr>
<td>Database/Security Elective</td>
<td>4.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>18</strong></td>
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</tbody>
</table>

*Note: Students are to refer to published advising guidelines and work with an academic advisor to select elective courses.*

**Specialty Information Technology Core** (Maximum 36 / Minimum 27)

If the maximum of 36 credits is not met in the specialty core, the difference must then be made up by choosing open electives.

**General Education Core (39)**

**Communications**

<table>
<thead>
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<th>Course</th>
<th>Credit Hours</th>
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<tbody>
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<tr>
<td>EN1300 Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or Speech or</td>
<td></td>
</tr>
<tr>
<td>EN2150 Interpersonal Professional Communications</td>
<td>4.5</td>
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<tr>
<td><strong>Total</strong></td>
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**Science**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Science Elective</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>4.5</strong></td>
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**Mathematics**

<table>
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<th>Course</th>
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<td>Algebra Elective</td>
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**Humanities**

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>Humanities Elective</td>
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<tr>
<td><strong>Total</strong></td>
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**Behavioral/Social Sciences**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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</thead>
<tbody>
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<td>Behavioral/Social Sciences Elective</td>
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<tr>
<td><strong>Total</strong></td>
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**General Education**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CS1500 Strategies for Success</td>
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<tr>
<td>CS2080 Career Management</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>7.5</strong></td>
</tr>
</tbody>
</table>

*Includes IT, computer science, programming, networks, CAD, and database programs.*

**Students residing in the state of Texas:**

~ must take HI2050 American History Since 1877 and SO2200 US Government or approved equivalents (substitute one of these courses for CS1500 Strategies for Success)

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Information Technology Major Core. THE FINAL 36 CREDITS OF THIS DEGREE PROGRAM MUST BE TAKEN IN RESIDENCE AT NAU. See the "Graduation Requirements" section of the catalog for additional requirements.

*(The university reserves the right to correct clerical errors.)*

**Information Technology: Bachelor of Science, Emphasis in Internet Systems Development**

This program provides the student with the skills required to design, develop and maintain interactive Internet Web sites. This bachelor’s degree program prepares the student to work in the dynamic field of Internet development as the information technology professional on a Web site design team.

**Program Goals**

The program will:

• provide students with knowledge of current information technology, the foundation knowledge of business operations and practices, and the analytical skills to support the information needs of a business.

• develop the problem-solving skills needed to adapt technology to meet the needs of business.

• provide students with methods to analyze, design, implement and maintain computer-based information systems to support the decision-making function of management.

• provide a balanced curriculum that addresses the knowledge and skills related to programming, databases, operating systems and networking in business environments.

• prepare students to secure positions commensurate with their emphasis areas (network administration, network management, management information systems, programming, Internet systems development)

• encourage students to participate in continuing education activities and maintain professional memberships.

• measure key student learning outcomes continuously, and identify and implement opportunities for improvement.

**Student Learning Outcomes**

Graduates of the program will:

• support the data management needs of business through the design, implementation, and maintenance of relational databases.

• solve a variety of business problems through the application of structured program analysis and design concepts.
- explain current networking technologies including local area networks, wide area networks, the Internet and the hardware and software used in constructing a network infrastructure.
- implement and manage commonly used computer operating systems including both proprietary and open source systems.
- identify, describe, install and configure the hardware associated with personal computer systems.
- establish the information technology needs of a business and plan an appropriate solution and procurement strategy.
- demonstrate the use of project management techniques within an appropriate system analysis and design life cycle framework to develop an information system.
- design, develop and maintain interactive Web sites employing both server-side and client-side programming methodologies.

**Information Technology: Bachelor of Science Degree with Emphasis in Internet Systems Development Requirements**

187.5 Credits

Offered at Ellsworth, Independence, Lee’s Summit and Rapid City. This program is also offered through NAU’s distance learning program. Some or all of the emphasis area courses may not be offered at the student’s home campus.

**Information Technology Major Core**  

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>CI1420</td>
<td>Principles of Programming</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2011</td>
<td>Introduction to Database</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2211</td>
<td>Internetworking Fundamentals</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2430</td>
<td>Computer Concepts</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3010</td>
<td>Linux</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3091</td>
<td>Intermediate Database</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3155</td>
<td>Computer Ethics</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3310</td>
<td>Web site and Web Application Design</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4220/MT4230</td>
<td>Project Management</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4221</td>
<td>Systems Analysis and Design</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4222</td>
<td>Integrative Systems Project**</td>
<td>4.5</td>
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**Support Core**

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1160</td>
<td>Principles of Accounting II</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2050</td>
<td>Macroeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2100</td>
<td>Microeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>FN3000</td>
<td>Business Finance I</td>
<td>4.5</td>
</tr>
<tr>
<td>MG1050</td>
<td>Principles of Marketing</td>
<td>4.5</td>
</tr>
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<td>MT2050</td>
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<tr>
<td>MT4210</td>
<td>Quantitative Analysis</td>
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</table>

**Internet Systems Development Emphasis Core**

(A minimum of 18 of the following 31.5 credits must be earned at NAU, excluding internship.)

<table>
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<th>Course Title</th>
<th>Credit Hours</th>
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<tr>
<td>CI2370</td>
<td>Web Design and Programming</td>
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<tr>
<td>CI3020</td>
<td>Intermediate Visual Basic</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3380</td>
<td>Client-Side Scripting and Open Communication</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4158</td>
<td>Application Infrastructure</td>
<td>4.5</td>
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<tr>
<td>CI4118</td>
<td>Network Infrastructure</td>
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<tr>
<td>CI4230</td>
<td>Server-Side Scripting</td>
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**Open Elective**

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<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

**General Education Core (GB)**

General Education (31.5) (Available for block transfer) **

**Communications**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
<td>4.5</td>
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</tbody>
</table>

**Science**

<table>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Science Electives</td>
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</table>

**Humanities**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Humanities Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

**Behavioral/Social Science**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Behavioral/Social Science Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

**General Education (34.5) (Course-by-course transfer)**

**Communications**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
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<td>EN1300</td>
<td>Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or Speech or EN2150</td>
<td>Interpersonal Professional Communications</td>
<td>4.5</td>
</tr>
<tr>
<td>EN3050</td>
<td>Technical Communications</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**Mathematics**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA2050</td>
<td>College Algebra</td>
<td>4.5</td>
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<tr>
<td>MA3000</td>
<td>Business Statistics</td>
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**General Education**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
<td>4.5</td>
</tr>
<tr>
<td>CS2080</td>
<td>Career Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**Computer Literacy**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Introduction to CIS or CI Elective</td>
<td>4.5</td>
</tr>
</tbody>
</table>

36
**Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.**

**Students residing in the state of Texas:**

## Block transfer is not available to these students.

**Residents of the state of Minnesota or students attending any Minnesota campus:**

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

## Block transfer is not available to these students.

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Information Technology Major Core and the Internet Systems Development Emphasis Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

**Information Technology: Bachelor of Science Degree, Emphasis in Management Information Systems**

The requirement for management personnel to understand information technology and its impact upon modern business operation has never been greater. This degree program, with its component of business, finance, management, and accounting courses and its specialization in MIS, prepares graduates to be managers in information technology. Graduates are qualified for positions as systems analysts and information systems managers.

**Program Goals**
The program will:

- provide students with knowledge of current information technology, the foundation knowledge of business operations and practices, and the analytical skills to support the information needs of a business.
- develop the problem-solving skills needed to adapt technology to meet the needs of business.
- provide students with methods to analyze, design, implement and maintain computer-based information systems to support the decision-making function of management.
- provide a balanced curriculum that addresses the knowledge and skills related to programming, databases, operating systems and networking in business environments.
- prepare students to secure positions commensurate with their emphasis areas (network administration, network management, management information systems, programming, Internet systems development)
- encourage students to participate in continuing education activities and maintain professional memberships.
- measure key student learning outcomes continuously and identify and implement opportunities for improvement.

**Student Learning Outcomes**
Graduates of the program will:

- support the data management needs of business through the design, implementation and maintenance of relational databases.
- solve a variety of business problems through the application of structured program analysis and design concepts.
- explain current networking technologies including local area networks, wide area networks, the Internet, and the hardware and software used in constructing a network infrastructure.
- implement and manage commonly used computer operating systems including both proprietary and open source systems.
- identify, describe, install and configure the hardware associated with personal computer systems.
- establish the information technology needs of a business and plan an appropriate solution and procurement strategy.
- demonstrate the use of project management techniques within an appropriate system analysis and design life cycle framework to develop an information system.
- assess the information technology needs of business and evaluate and implement ethical solutions.

**Bachelor of Science: Emphasis in Management Information Systems Requirements**

187.5 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita and Zona Rosa. This program is also offered through NAU’s distance learning program.

**Information Technology Major Core**

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information Technology Major Core</td>
</tr>
</tbody>
</table>

(A minimum of 27 of the following 49.5 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI1420</td>
<td>Principles of Programming</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2011</td>
<td>Introduction to Database</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2211</td>
<td>Internetworking Fundamentals</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2430</td>
<td>Computer Concepts</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3010</td>
<td>Linux</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3091</td>
<td>Intermediate Database</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3155</td>
<td>Computer Ethics</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3310</td>
<td>Web Site and Web Application Design</td>
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</tr>
<tr>
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<td>Project Management</td>
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</tr>
<tr>
<td>CI4221</td>
<td>Systems Analysis and Design</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4222</td>
<td>Integrative Systems Project**</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**Support Core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1160</td>
<td>Principles of Accounting II</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2050</td>
<td>Macroeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2100</td>
<td>Microeconomics</td>
<td>4.5</td>
</tr>
</tbody>
</table>
Academic Programs

Information Technology

FN3000 Business Finance I  4.5
MG1050 Principles of Marketing  4.5
MT2050 Principles of Management  4.5
MT4210 Quantitative Analysis  4.5

Management Information Systems Emphasis Core
(A minimum of 18 of the following 31.5 credits must be earned at NAU, excluding internship.)
Students must have at least three emphasis courses that are different from any other BS IT program in which they are enrolled.

Choose Seven Electives
CI2000+*  4.5
CI2000+*  4.5
CI3000+  4.5
CI3000+  4.5
CI4000+  4.5
CI4000+  4.5
CI4000+  4.5

Open Elective  4.5

General Education Core (66)
General Education (31.5) (Available for block transfer) ##
Communications
EN1150 Composition I  4.5
Science
Science Electives  9
Humanities
Humanities Electives  9
Behavioral/Social Science
Behavioral/Social Science Electives  9
General Education (24.5) (Course-by-course transfer)
Communications
EN1300 Composition II  4.5
EN2100 or Speech or
EN2150 Interpersonal Professional Communications
EN3050 Technical Communications  4.5
Mathematics
MA2050 College Algebra  4.5
MA3000 Business Statistics  4.5
General Education
CS1500 Strategies for Success  4.5

CS2080 Career Management  3

Computer Literacy
Introduction to CIS or CI Elective  4.5

* CI2080 and CI2180 may not be used as CI2000D+ electives
**Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.
Students residing in the state of Texas:
## Block transfer is not available to these students.
Residents of the state of Minnesota or students attending any Minnesota campus:
must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO
## Block transfer is not available to these students.
Graduation Requirements: A minimum 2.0 GPA is required overall and in the Information Technology Major Core and the Management Information Systems Emphasis Core. See the “Graduation Requirements” section of the catalog for additional requirements.
(The university reserves the right to correct clerical errors.)

Information Technology: Bachelor of Science Degree, Emphasis in Network Administration/Microsoft

This program provides the student with an in-depth knowledge of network administration. Graduates of this program have all the necessary skills to administer a computer network. The focus is on Microsoft networking and prepares students for the Microsoft Certified, IT Professional; Server Administrative exams.

Program Goals
The program will:
• provide students with knowledge of current information technology, the foundation knowledge of business operations and practices, and the analytical skills to support the information needs of a business.
• develop the problem-solving skills needed to adapt technology to meet the needs of business.
• provide students with methods to analyze, design, implement and maintain computer-based information systems to support the decision-making function of management.
• provide a balanced curriculum that addresses the knowledge and skills related to programming, databases, operating systems, and networking in business environments.
• prepare students to secure positions commensurate with their emphasis areas (network administration, network management, management information systems, programming, and Internet systems development)
• encourage students to participate in continuing education activities and maintain professional memberships.
• measure key student learning outcomes continuously, and identify and implement opportunities for improvement.

Student Learning Outcomes
Graduates of the program will:
• support the data management needs of business through the design, implementation and maintenance of relational databases.
• solve a variety of business problems through the application of structured program analysis and design concepts.
• explain current networking technologies including local area networks, wide area networks, the Internet and the hardware and software used in constructing a network infrastructure.
• implement and manage commonly used computer operating systems including both proprietary and open source systems.
• identify, describe, install and configure the hardware associated with personal computer systems.
• establish the information technology needs of a business and plan an appropriate solution and procurement strategy.
• demonstrate the use of project management techniques within an appropriate system analysis and design life cycle framework to develop an information system.
• administer a network infrastructure designed to support management and production functions in business or industry.

Information Technology: Bachelor of Science with Emphasis in Network Administration/Microsoft Requirements
187.5 Credits
Offered at Colorado Springs and Colorado Springs Education Center.

Information Technology Major Core Credit Hours
(A minimum of 27 of the following 49.5 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI1420</td>
<td>Principles of Programming</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2011</td>
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<td>CI2211</td>
<td>Internetworking Fundamentals</td>
<td>4.5</td>
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<tr>
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<td>Linux</td>
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<td>CI3091</td>
<td>Intermediate Database</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3155</td>
<td>Computer Ethics</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3310</td>
<td>Web site and Web Application Design</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4220/MT4230</td>
<td>Project Management</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4221</td>
<td>Systems Analysis and Design</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4222</td>
<td>Integrative Systems Project*</td>
<td>4.5</td>
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</table>

Support Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2050</td>
<td>Microeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>FN3000</td>
<td>Business Finance I</td>
<td>4.5</td>
</tr>
<tr>
<td>MG1050</td>
<td>Principles of Marketing</td>
<td>4.5</td>
</tr>
<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4210</td>
<td>Quantitative Analysis</td>
<td>4.5</td>
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</table>

Network Administration Microsoft Emphasis Core
(A minimum of 18 of the following 31.5 credits must be earned at NAU, excluding internship.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>CI3000</td>
<td>Electives</td>
<td>13.5</td>
</tr>
<tr>
<td>CI3670</td>
<td>Supporting Microsoft Windows Vista</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4118</td>
<td>Network Infrastructure Configuration Server 2008</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4138</td>
<td>Active Directory Configuration Server 2008</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4148</td>
<td>Administering Windows Server 2008</td>
<td>4.5</td>
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</table>

Open Elective | 4.5 |

General Education Core (50)

General Education (31.5) (Available for block transfer)

Communications

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
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<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
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Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Electives</td>
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</tbody>
</table>

Humanities

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities Electives</td>
<td>9</td>
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Behavioral/Social Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behavioral/Social Science Electives</td>
<td>9</td>
<td></td>
</tr>
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</table>

General Education (34.5) (Course-by-course transfer)

Mathematics

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA2050</td>
<td>College Algebra</td>
<td>4.5</td>
</tr>
<tr>
<td>MA3000</td>
<td>Business Statistics</td>
<td>4.5</td>
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</table>

General Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
<td>4.5</td>
</tr>
</tbody>
</table>
Information Technology: Bachelor of Science Degree, Emphasis in Network Management/Microsoft

This program provides the student with an in-depth knowledge of network design and operation. Graduates of this program have all the necessary skills to manage and provide technical support for a computer network. The focus is on Microsoft networking and prepares students for the Microsoft Certified IT Professional: Enterprise Administrator exams.

Program Goals
The program will:

- provide students with knowledge of current information technology, the foundation knowledge of business operations and practices, and the analytical skills to support the information needs of a business.
- develop the problem-solving skills needed to adapt technology to meet the needs of business.
- provide students with methods to analyze, design, implement and maintain computer-based information systems to support the decision-making function of management.
- provide a balanced curriculum that addresses the knowledge and skills related to programming, databases, operating systems and networking in business environments.
- prepare students to secure positions commensurate with their emphasis areas (network administration, network management, management information systems, Internet systems development)
- encourage students to participate in continuing education activities and maintain professional memberships.
- measure key student learning outcomes continuously and identify and implement opportunities for improvement.

Student Learning Outcomes
Graduates of the program will:

- explain current networking technologies including local area networks, wide area networks, the Internet and the hardware and software used in constructing a network infrastructure.
- implement and manage commonly used computer operating systems including both proprietary and open source systems.
- identify, describe, install and configure the hardware associated with personal computer systems.
- establish the information technology needs of a business and plan an appropriate solution and procurement strategy.
- demonstrate the use of project management techniques within an appropriate system analysis and design life cycle framework to develop an information system
- design, implement and manage a network infrastructure to support management and production functions in business or industry.

Information Technology: Bachelor of Science with Emphasis in Network Management/Microsoft Requirements

187.5 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Rapid City, Rio Rancho, Roseville, Sioux Falls, and Watertown. This program is also offered through NAU’s distance learning program. Some or all of the emphasis area courses may not be offered at the student’s home campus.

Information Technology Major Core Credit Hours
(A minimum of 27 of the following 49.5 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI1420</td>
<td>Principles of Programming</td>
<td>4.5</td>
</tr>
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<td>CI2011</td>
<td>Introduction to Database</td>
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<td>Project Management</td>
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<td>CI4222</td>
<td>Integrative Systems Project**</td>
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</table>

| Total      |                                   | 49.5    |

Support Core

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
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</tr>
<tr>
<td>AC1160</td>
<td>Principles of Accounting II</td>
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</tr>
<tr>
<td>EC2050</td>
<td>Macroeconomics</td>
<td>4.5</td>
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<td>EC2100</td>
<td>Microeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>FN3000</td>
<td>Business Finance I</td>
<td>4.5</td>
</tr>
<tr>
<td>MG1050</td>
<td>Principles of Marketing</td>
<td>4.5</td>
</tr>
<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
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</table>

<p>| Total      |                                   | 4.5     |</p>
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MT4210</td>
<td>Quantitative Analysis</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**Network Management/Microsoft Emphasis Core**

(A minimum of 18 of the following 31.5 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI3000+</td>
<td>Electives</td>
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</tr>
<tr>
<td>CI3670</td>
<td>Supporting Microsoft Windows Vista</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4118</td>
<td>Network Infrastructure</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4138</td>
<td>Active Directory Configuration - Server 2008</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4158</td>
<td>Application Infrastructure Configuration - Server 2008</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4168</td>
<td>Enterprise Administration Server 2008</td>
<td>4.5</td>
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</table>

31.5

**Open Elective**

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.5</td>
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</table>

**General Education Core (G6)**

General Education (31.5) (Available for block transfer) **

**Communications**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
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4.5

**Science**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Science Electives</td>
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9

**Humanities**

<table>
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<tbody>
<tr>
<td>Humanities Electives</td>
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9

**Behavioral/Social Science**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behavioral/Social Science Electives</td>
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</tr>
</tbody>
</table>

9

**Mathematics**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA2050</td>
<td>College Algebra</td>
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<tr>
<td>MA3000</td>
<td>Business Statistics</td>
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9

**General Education**

<table>
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<tr>
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<tbody>
<tr>
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<tr>
<td>CS2080</td>
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<td>3</td>
</tr>
</tbody>
</table>

7.5

**Computer Literacy**

Introduction to CIS or CI Elective                   4.5

**Capstone Course** - Senior level, minimum "C" grade required, must be completed at NAU.

**Students residing in the state of Texas:**

**Block transfer is not available to these students.**

**Residents of the state of Minnesota or students attending any Minnesota campus:**

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

**Block transfer is not available to these students.**

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Information Technology Major Core and the Network Management Microsoft Emphasis Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

**Information Technology: Associate of Applied Science Degree**

This program of study provides education for various entry-level positions in the information systems field. Students are encouraged to work with their advisor to design a program in their area of interest, which may be in programming, database administration, Microsoft networking or software applications. Graduates may qualify for positions as computer operators, programmers or database administrators.

**Program Goals**

The program will:

- prepare students to secure an entry-level position in the information technology industry.
- provide a balanced curriculum that addresses fundamental knowledge and skills related to programming, databases, operating systems, and networking in business environments.
- encourage students to participate in continuing education activities and maintain professional memberships.
- continuously measure key student-learning outcomes, and identify and implement opportunities for improvement.

**Student Learning Outcomes**

Graduates of the program will:

- support the data management needs of business through the design, implementation and maintenance of relational databases.
- solve a variety of business problems through the application of structured program analysis and design concepts.
- explain current networking technologies including local area networks, wide area networks, the Internet, and the hardware and software used in constructing a network infrastructure.
• implement and manage commonly used computer operating systems including both proprietary and open source systems.
• identify, describe, install and configure the hardware associated with personal computer systems.
• demonstrate proficiency in the fundamental information technology skills required to provide user support in business.

Information Technology: Associate of Applied Science Requirements

93 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita and Zona Rosa. This program is also offered through NAU’s distance learning program. Some or all of the emphasis area courses may not be offered at the student’s home campus.

Information Technology Major Core Credit Hours

(A minimum of 22.5 of the following 40.5 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI1420</td>
<td>Principles of Programming</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2011</td>
<td>Introduction to Database</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2211</td>
<td>Internetworking Fundamentals</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2430</td>
<td>Computer Concepts</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3010</td>
<td>Linux</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3091</td>
<td>Intermediate Database</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3310</td>
<td>Web Site and Web Application Design</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Choose two CI2000+ Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI2000+*</td>
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<td>4.5</td>
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<tr>
<td>CI2000+*</td>
<td></td>
<td>4.5</td>
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<tr>
<td></td>
<td></td>
<td>40.5</td>
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</tbody>
</table>

Support Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC1060</td>
<td>Principles of Accounting I</td>
<td>4.5</td>
</tr>
<tr>
<td>AC1160</td>
<td>Principles of Accounting II</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2050</td>
<td>Macroeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td></td>
<td>13.5</td>
</tr>
</tbody>
</table>

General Education Core (39)

Communications

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
<td>4.5</td>
</tr>
<tr>
<td>EN1300</td>
<td>Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or</td>
<td>Speech or</td>
<td></td>
</tr>
<tr>
<td>EN2150</td>
<td>Interpersonal Professional</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td>Communications</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC</td>
<td>Science Electives</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Mathematics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA</td>
<td>Algebra Elective</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Humanities/Behavioral/Social Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities Elective</td>
<td></td>
<td>4.5</td>
</tr>
</tbody>
</table>

General Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
<td>4.5</td>
</tr>
<tr>
<td>CS2080</td>
<td>Career Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7.5</td>
</tr>
</tbody>
</table>

Computer Literacy

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to CIS or CI Elective</td>
<td></td>
<td>4.5</td>
</tr>
</tbody>
</table>

* CI2080 and CI2180 may not be used as CI2000+ electives

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Information Technology Major Core. See the “Graduation Requirements” section of the catalog for additional requirements.

Network Administration: Associate of Applied Science Requirements

93 Credits

Major core courses are available only at authorized sites.

Network Administration Major Core Credit Hours

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI2211</td>
<td>Internetworking Fundamentals</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2430</td>
<td>Computer Concepts</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4291D</td>
<td>Interconnecting Cisco Network Devices I</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4292D</td>
<td>Interconnecting Cisco Network Devices II</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4293D</td>
<td>Implementing Cisco IP Routing</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4294D</td>
<td>Implementing Cisco Switched Networks</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4295D</td>
<td>Troubleshooting and Maintaining Cisco IP Networks</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4296D</td>
<td>Implementing Cisco IOS Network Security</td>
<td>4.5</td>
</tr>
</tbody>
</table>

|             |                                                 | 36      |

Support Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI2440</td>
<td>Introduction to Computer Security</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3155</td>
<td>Computer Ethics</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2050</td>
<td>Macroeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
</tr>
</tbody>
</table>

|             |                                                 | 18      |

General Education Core (39)

Communications

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
<td>4.5</td>
</tr>
<tr>
<td>EN1300</td>
<td>Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or</td>
<td>Speech or</td>
<td></td>
</tr>
<tr>
<td>EN2150</td>
<td>Interpersonal Professional</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td>Communications</td>
<td></td>
</tr>
</tbody>
</table>

|             |                                                 | 13.5    |
### Science
- **SC**: Science Electives 4.5

### Mathematics
- **MA**: Algebra Elective 4.5

### Humanities/Behavioral/Social Science
- **Humanities Elective**: 4.5

### General Education
- **CS1500**: Strategies for Success 4.5
- **CS2080**: Career Management 3.0

### Computer Literacy
- **Introduction to CIS or CI Elective**: 4.5

### Support Core
- **CI2440**: Introduction to Computer Security 4.5
- **CI3155**: Computer Ethics 4.5
- **EC2050**: Macroeconomics 4.5
- **MT2050**: Principles of Management 4.5

### General Education Core (39)

#### Communications
- **EN1150**: Composition I 4.5
- **EN1300**: Composition II 4.5
- **EN2100 or** Speech or **EN2150**: Interpersonal Professional Communications 4.5

#### Science
- **SC**: Science Electives 4.5

#### Mathematics
- **MA**: Algebra Elective 4.5

#### Humanities/Behavioral/Social Science
- **Humanities Elective**: 4.5

#### General Education
- **CS1500**: Strategies for Success 4.5
- **CS2080**: Career Management 3.0

#### Computer Literacy
- **Introduction to CIS or CI Elective**: 4.5

### Students residing in the state of Texas:
- ~ must take HI2050 American History Since 1877 and SO2200 US Government or approved equivalents (substitute one of these courses for CS1500 Strategies for Success)
- Residents of the state of Minnesota or students attending any Minnesota campus:
  - < must take MA2050 – College Algebra
  - # must take a humanities elective

### Graduation Requirements:
A minimum 2.0 GPA is required overall and in the Information Technology Major Core. See the “Graduation Requirements” section of the catalog for additional requirements.

### Network and Server Administration: Associate of Applied Science Requirements

#### 93 Credits

Major core courses are available only at authorized sites.

#### Network and Server Administration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI2120D</td>
<td>Fundamentals of Server 2008</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2211</td>
<td>Internetworking Fundamentals</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2430</td>
<td>Computer Concepts</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4118</td>
<td>Network Infrastructure</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4128D</td>
<td>Active Directory Domain Services</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4149D</td>
<td>Managing Windows Server 2008</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4291D</td>
<td>Interconnecting Cisco Networking Devices I</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4292D</td>
<td>Interconnecting Cisco Networking Devices II</td>
<td>4.5</td>
</tr>
</tbody>
</table>

#### 36

### Students residing in the state of Texas:
~ must take HI2050 American History Since 1877 and SO2200 US Government or approved equivalents (substitute one of these courses for CS1500 Strategies for Success)

### Residents of the state of Minnesota or students attending any Minnesota campus:
- < must take MA2050 – College Algebra
- # must take a humanities elective

### Graduation Requirements:
A minimum 2.0 GPA is required overall and in the Information Technology Major Core. See the “Graduation Requirements” section of the catalog for additional requirements.

### Server Administration: Associate of Applied Science Requirements

#### 93 Credits

Major core courses are available only at authorized sites.

#### Server Administration Major Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI2120D</td>
<td>Fundamentals of Server 2008</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td>Network and Active Directory</td>
<td></td>
</tr>
</tbody>
</table>

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101
### Academic Programs

#### Information Technology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI2211</td>
<td>Internetworking Fundamentals</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2430</td>
<td>Computer Concepts</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3675D</td>
<td>Microsoft Windows 7</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4116D</td>
<td>Windows Server 2008 Hyper-V and Clustering</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4118</td>
<td>Network Infrastructure</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4128D</td>
<td>Active Directory Domain Services Configuration Server 2008</td>
<td>4.5</td>
</tr>
<tr>
<td>CI4149D</td>
<td>Managing Windows Server 2008</td>
<td>4.5</td>
</tr>
<tr>
<td>CI2440</td>
<td>Introduction to Computer Security</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3155</td>
<td>Computer Ethics</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2050</td>
<td>Macroeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**Support Core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CI2440</td>
<td>Introduction to Computer Security</td>
<td>4.5</td>
</tr>
<tr>
<td>CI3155</td>
<td>Computer Ethics</td>
<td>4.5</td>
</tr>
<tr>
<td>EC2050</td>
<td>Macroeconomics</td>
<td>4.5</td>
</tr>
<tr>
<td>MT2050</td>
<td>Principles of Management</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**General Education Core (39)**

**Communications**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
<td>4.5</td>
</tr>
<tr>
<td>EN1300</td>
<td>Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or EN2150</td>
<td>Interpersonal Professional Communications</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**Science**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC</td>
<td>Science Electives</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**Mathematics**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA</td>
<td>Algebra Elective</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**Humanities/Behavioral/Social Science**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities Elective</td>
<td></td>
<td>4.5</td>
</tr>
</tbody>
</table>

**General Education**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
<td>4.5</td>
</tr>
<tr>
<td>CS2080</td>
<td>Career Management</td>
<td>3</td>
</tr>
</tbody>
</table>

**Computer Literacy**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to CIS or CI Elective</td>
<td></td>
<td>4.5</td>
</tr>
</tbody>
</table>

---

**Graduation Requirements:** A minimum 2.0 GPA is required overall and in the Information Technology Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

---

**Students residing in the state of Texas:**

~ must take HI2050 American History Since 1877 and SO2200 US Government or approved equivalents (substitute one of these courses for CS1500 Strategies for Success)

**Residents of the state of Minnesota or students attending any Minnesota campus:**

< must take MA2050 – College Algebra

# must take a humanities elective
Legal Studies

Paralegal Studies

Paralegals, sometimes called legal assistants, may be employed in law firms; corporate legal departments; local, state, and federal government offices; bank and trust departments; and other offices that require a specialized understanding of the law and the legal system. Paralegals may also be employed in other careers that require excellent analytical and communication skills.

Under the supervision of an attorney, a paralegal may interview clients and witnesses; draft court pleadings and other legal documents; perform legal research; review medical, police and other records; attend hearings; assist in trial preparations; and assist at trial. A paralegal may not engage in activities considered to be the practice of law, including giving legal advice, representing a client in court, or setting legal fees.

Paralegal Studies Program Admissions

In addition to the university’s admissions requirements and instructions on page 11, the following admissions requirement is program specific.

Any person convicted of a felony may not serve as a paralegal in the state of South Dakota without the approval of the South Dakota Supreme Court.

Paralegal Studies: Bachelor of Science Degree

National American University offers both a Bachelor of Science degree and an Associate of Applied Science degree in Paralegal Studies. A Bachelor of Science degree is offered for students who wish to prepare for increased employment responsibilities or choose to pursue graduate education. Credits earned in the Associate of Applied Science degree apply toward a Bachelor of Science degree in Paralegal Studies.

Program Goals

The program will:

• prepare students who earn a Bachelor of Science degree for increased employment responsibilities and graduate education.
• measure key student learning outcomes continuously and identify and implement opportunities for improvement.

Paralegal Studies: Bachelor of Science Degree Requirements

187 Credits

Offered at Bloomington, Brooklyn Center, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Roseville, Sioux Falls and Zona Rosa. The Rapid City program is approved by the American Bar Association.

Paralegal Studies Major Core

<table>
<thead>
<tr>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Legal Principles (1)</td>
</tr>
<tr>
<td>Legal Research I</td>
</tr>
<tr>
<td>Legal Research II</td>
</tr>
<tr>
<td>Torts</td>
</tr>
<tr>
<td>Domestic Relations (1)</td>
</tr>
<tr>
<td>Civil Procedure</td>
</tr>
<tr>
<td>Criminal Procedure</td>
</tr>
<tr>
<td>Legal Writing</td>
</tr>
<tr>
<td>Law Office Technology</td>
</tr>
<tr>
<td>Real Property</td>
</tr>
<tr>
<td>Professional Ethics and Law Office Procedures</td>
</tr>
</tbody>
</table>

Paralegal Elective | 4.5 |

Paralegal Internship (3) (4) | 13.5 |

CLA Review | 4.5 |

**90**
Support Core

AC2760  Accounting for Managers  4.5
EC2050  Macroeconomics  4.5
LA3100  Business Law  4.5
ME1150  Medical Terminology  4
MT2050  Principles of Management  4.5
MT3050  Human Resource Management  4.5
MT3230/  Employment Law  4.5
PL3230  

31

General Education Core

General Education (36) (Available for block transfer) ##

Communications

EN1150  Composition I  4.5

4.5

Science

Science Electives  9

9

Humanities

HU2000  Critical Thinking and Problem Solving  4.5
Humanities Elective  4.5

9

Behavioral/Social Science

Behavioral/Social Science Electives  9

9

General Education

General Education Elective  4.5

4.5

General Education (30) (Course-by-course transfer)

Communications

EN1300  Composition II  4.5
EN2100 or  Speech or
EN2150  Interpersonal Professional Communications  4.5

9

Mathematics

MA2050  College Algebra  4.5
MA3000  Business Statistics  4.5

9

General Education

CS1500  Strategies for Success  4.5
CS2080  Career Management (6)  3

7.5

Computer Literacy

Introduction to CIS or CI Elective (7)  4.5

4.5

* Must earn a minimum "C" grade in each Paralegal Studies Major Core course

1. May be credited as a cross-listed sociology course. If so, another Paralegal Studies course must be successfully completed or transferred.
2. Or placement recommendation
3. Paralegal coordinator approval required
4. Students may elect to satisfy a maximum of 4.5 internship credit hours with a Paralegal Studies elective course other than PL3000 Law Office Technology.
5. No prerequisite for EN2100 Speech
6. Academic advisor approval
7. CI1500 Word Processing for Windows recommended

Students attending any Minnesota campus:

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

## Block transfer is not available to these students.

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Paralegal Studies Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

Paralegal Studies: Associate of Applied Science Degree

An Associate of Applied Science degree in Paralegal Studies is offered for those students who wish to pursue a course of study emphasizing basic paralegal skills. Credits earned in this program will apply toward a Bachelor of Science degree in Paralegal Studies described above. Students can often earn the bachelor's degree in six additional quarters.

Program Goals

The program will:

• provide students with fundamental knowledge of substantive and procedural law.
• develop the critical-thinking skills of students to enable them to analyze problems by identifying and evaluating alternative solutions.
• prepare students to perform legal research using both traditional and electronic resources.
• develop the oral and written communication skills of students.
• provide students with the knowledge of the ethical guidelines governing the conduct of attorneys and paralegals.
• encourage students to participate in continuing education activities and maintain memberships in professional organizations.
• measure key student learning outcomes continuously, and identify and implement opportunities for improvement.

Student Learning Outcomes

Graduates of the program will:

• demonstrate a fundamental knowledge of substantive and procedural law.
• utilize critical thinking skills to analyze problems by identifying and evaluating alternative solutions.
• perform legal research using both traditional and electronic resources.
• communicate effectively through both speaking and writing.
• adhere to ethical guidelines governing the conduct of attorneys and paralegals.
• recognize the value of lifelong learning and the importance of participating in professional organizations.
• prepare for employment responsibilities and continuing education appropriate to their degree.

Paralegal Studies: Associate of Applied Science Degree Requirements
97.5 Credits
Offered at Bloomington, Brooklyn Center, Independence, Lee’s Summit, Minnetonka, Overland Park, Rapid City, Roseville, Sioux Falls and Zona Rosa. The Rapid City program is approved by the American Bar Association.

Paralegal Studies Major Core  Credit Hours
(A minimum of 31.5 of the following 49.5 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
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<td>4.5</td>
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<tr>
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<tr>
<td>PL2050*</td>
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<tr>
<td>PL2100*</td>
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Support Core

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General Education Core (39)

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Graduation Requirements: A minimum 2.0 GPA is required overall and in the Paralegal Studies Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

* Must earn a minimum "C" grade in each Paralegal Studies Major Core course
1. Paralegal coordinator approval required
2. Students may substitute PL3000 Law Office Technology in place of the internship.
3. No prerequisite for EN2100 Speech
4. Academic advisor approval
5. CI1500 Word Processing for Windows recommended

Science

<table>
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Humanities

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General Education

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**Business Administration: Bachelor of Science Degree, Emphasis in Pre-Law**

For students whose goal is to attend law school, National American University offers a Bachelor of Science degree in Business Administration with emphasis in Pre-law. The curriculum is designed to provide students with a foundation of knowledge and skills to facilitate their success in law school. Specialized courses promote the development of analytical and critical-thinking skills, verbal and written communication skills, a fundamental understanding of substantive and procedural law, legal research skills, and knowledge of ethical guidelines governing the conduct of attorneys. Other courses in business and general education provide students with a broad base of knowledge for success in today's complex society.

Students who earn this degree may apply for admission to law school. Students should check the admissions requirements of each law school in which they are interested in attending. Generally, to be admitted into law school, a person must have earned a bachelor's degree with a high grade point average and have performed well on the Law School Admission Test.
Success in gaining admission to, and achieving success in law school is contingent upon the ability and effort of each student. Receipt of this degree does not ensure that a student will be admitted to, or succeed in law school.

Students who receive this degree, but do not subsequently earn a law degree, may pursue a variety of careers in which the above-mentioned knowledge and skills may be utilized. In many states, a person with this degree may qualify as a paralegal or legal assistant who can assist a licensed attorney, subject to state regulations. Only licensed attorneys may practice law. A person who earns this degree may not engage in activities considered to be the practice of law, including giving legal advice, representing a client in court, or setting legal fees.

See the Business Administration: Bachelor of Science Degree, Emphasis in Pre-Law program of study on page 81.
NATIONAL AMERICAN UNIVERSITY
SCHOOL OF NURSING

School of Nursing Mission Statement
The School of Nursing, as an integral part of National American University, is in concert with its mission, core values and purposes. Consistent with the overall university mission, the School of Nursing mission is to prepare competent nursing graduates by providing a caring, diverse and student-centered environment that fosters critical thinking and enhances holistic health care across the lifespan. The nursing programs offer career mobility through an articulated ladder approach to nursing education.

School of Nursing Goals/Purposes:
1. Prepare learners to influence the delivery of healthcare services through safe and accountable clinical judgment.
2. Promote and facilitate (student-centered) lifelong learning opportunities responsive to the needs of students, graduates, faculty, community and profession.
3. Commit to the advancement of nursing knowledge and application to health care by collaborating with faculty within and external to the university and with professionals in healthcare and community agencies.
4. Support and participate in activities that interpret and promote the role of the nurse, influence nursing practice and the concept of caring.
5. Support efforts to recruit and retain students from diverse backgrounds and experiences who demonstrate potential for success in nursing.
6. Incorporate a holistic approach to culturally congruent care throughout the lifespan.

School of Nursing Philosophy
The School of Nursing derives its philosophy and purposes from the mission statement of National American University. The School of Nursing and its faculty believe that nursing education should enable students to acquire the knowledge and proficiencies necessary to practice culturally competent and congruent nursing care and meet the changing needs of society. The philosophy and conceptual model are based on the learning paradigms of Benner (1984, 2000, 2001) and Leininger (1991, 2002, 2006). In accordance with these paradigms, the faculty believes that education is predicated on the following constructs derived from Benner’s "Novice to Expert" and Leininger’s "Transcultural Nursing" theories:

1. Experiential: student-centered and lifelong learning; Benner (1984, 2000, 2001) and Leininger (1991, 2002, 2006). The School of Nursing and faculty believe nursing education includes experiences and activities that promote learning in open learning climates where students may examine and discuss transitions in understanding, mistakes or misconceptions in actual clinical situations (Benner, 1984, 2000, 2001). Nursing is embraced as a discipline committed to the importance of lifelong learning for the maintenance and advancement of knowledge.

The School of Nursing and faculty further believe culturally congruent care reflects an infinite number of factors that affect well-being which is important for today’s diverse society. It is through culturally congruent care that nursing finds an infinite number of explored and unexplored dimensions of care as a pursuit for enhanced knowledge which may result in predictable care outcomes (Leininger, 1991, 2002, 2006).


The School of Nursing and faculty further embrace Leininger’s (1991, 2002, 2006) definition: "Care is the heart of nursing; Care is power; Care is essential to healing (or well-being); Care is curing; and Care is (or should be) the central and dominant focus of nursing and transcultural nursing decisions and actions" (Leininger, 1991, 2002, 2006).

3. Clinical Judgment: qualitative distinction, evolves over time, integrative/dynamic; Benner (1984, 2000, 2001). The School of Nursing and faculty believe Benner’s (1984, 2000, 2001) tenet that clinical judgment is based on recognition of dynamic patient/family/community transitions across time in response to conditions and associated treatment. The nurse’s clinical judgment evolves over time as the nurse gains experience and furthers education in the profession.

4. Holistic Health/Illness/Death: Leininger (1991, 2002, 2006). The School of Nursing and faculty believe nursing education should embrace the care of clients as addressed within all stages of health from wellness to death. Within the art of healing and comforting, utilization of a holistic perspective should support and enhance human dignity. This holistic perspective views cultural insight as a pivotal factor that directs and shapes well-being within an individual, the family and the community as a whole.

National American University School of Nursing uses the tenets of Benner (1984, 2000, 2001) and Leininger (1991, 2000, 2006) to form the eclectic conceptual framework. Specifically, Benner’s work on Novice to Expert (1984) provides a framework for the School of Nursing. The School of Nursing programs are built upon various student levels of education and experience, and designed to enhance career mobility. Concepts of care and culture based on Leininger (1991, 2002, 2006) are threaded throughout the curriculums. The constructs: experiential learning, caring, clinical judgment, and holistic health/illness/death provide horizontal threads that serve as broad categories under which a variety of content can be addressed. They are not considered mutually exclusive. It is recognized that the rapid evolution of nursing science, practice, and education demands on-going reexamination of categories and concepts.
The School of Nursing and faculty believe nursing is a practice profession with a defined body of knowledge and outcomes. Nursing practice is embraced through education as holistic, caring in nature incorporating and supporting lifelong learning.

**Nursing Practice and Nursing Education**

A knowledge base reflective of the varying levels of nursing practice contributes to incorporating information to promote health, prevent disease, restore health and promote adaptation across the lifespan. Nursing demands the ability to adapt to a changing environment in assessing, analyzing, planning, implementing and evaluating nursing care.

Continued learning and application of facts and principles is necessary for effective clinical judgment in patient care settings. As providers of health services, nurses should be self-directive, creative, critical thinkers who strive for lifelong learning, regardless of their level of practice.

Within nursing, there are levels of practice within varying settings which require different educational preparation. The practical nurse graduate provides direct patient care by assisting with data collection, contributing to a plan of care, performing basic therapeutic and preventive nursing measures and assisting in evaluating the outcomes of nursing interventions of patients with commonly occurring health problems. The associate degree graduate is prepared to serve clients with more complex care needs, which require judgment, independent decision-making within the professional nurse role and collaborative decision-making. The baccalaureate degree graduate has additional education in leadership, healthcare delivery systems, community and public health nursing, nursing research and evidence-based practice. The provision of care at this level requires a broad base of principles from science and the liberal arts. The NAU Master of Science degree in Nursing was developed to prepare future educators for leadership in the field.

**Bachelor of Science in Nursing Program**

Today’s healthcare environment demands nurses who can function in a constantly changing healthcare setting; deal with emerging healthcare needs and incorporate evidence and research in their practice. The BSN program is an innovative design that enables the graduate nurse to provide care to individuals, families and communities in health promotion, acute or chronic illness, and at the end of life. By focusing on the current research in nursing education and nursing practice, the BSN program educates nurse generalists with a strong foundation for developing specialized clinical practice and the skills and credentials necessary to pursue graduate education.

**Student Learning Outcomes**

- Critically evaluate and utilize relevant findings of nursing research in professional nursing practice.
- Demonstrate professional values and behaviors consistent with professional standards.
- Assume responsibility for ongoing professional development in an ever-changing healthcare environment.

**Nursing Program Admission Requirements for BSN Students**

Admission to the nursing foundational core is based on the National American University admission criteria.

Admission to the nursing foundational core does not guarantee enrollment in the nursing clinical core. Admission to the nursing clinical core is selective and highly competitive.

Completed applications to the nursing clinical core must be received at least 90 days prior to the start of each nursing clinical core cohort; the application deadline is June 1* for the following fall quarter start.

**The criteria to be eligible for application to the clinical core of the BSN program:**

- Admission to National American University must be made before application to the nursing clinical core.
- All foundational core courses must be completed by the clinical core application deadline.
- Minimum cumulative GPA of 2.8 on all nursing foundational courses must be accomplished.
- All required foundational core courses must be completed with a minimum grade of "C".
- All science courses must have been completed within five (5) years of application.
- Applicant must provide a copy of state specific verification of active certification of a nursing assistant or licensed vocational nurse or LPN.
- Prior to application to the nursing clinical core, applicants must successfully complete a pre-entrance examination, Test of Essential Academic Skills (TEAS). The student must take the TEAS test at a NAU School of Nursing campus program location or arrange for an official transfer of the scores from ATI to the program of application. The TEAS provides means to determine the potential for professional competency. The TEAS score will remain valid as entry criteria for six months. Applicants may retake the test if desired in an attempt to gain a higher score. Fourteen days is the time between retest of TEAS as sitting is available.
- Non-English speaking students must pass the official Test of English as a Foreign Language (TOEFL) with a minimum score of 500 paper-based, 173 computer-based or 61 for an Internet-based exam.

Acceptance is based on the overall ranking of the following items:

- TEAS test scores.
- Cumulative grade point averages of foundational core courses.
• Students who have completed nursing foundational coursework at NAU will be given priority consideration but not guaranteed admission into the nursing clinical core.
• Prior completion of a bachelor's or master's degree in any program of study.
• Grades from Anatomy and Physiology I and Anatomy and Physiology II

The following items must be submitted with the application (the cost of the items is the student's responsibility):
• Completed application. Incomplete applications will not be considered for admittance.
• Successful background check completed by an agency selected by National American University School of Nursing.
• State specific verification of active certification of a nursing assistant or licensed vocational nurse or LPN must be on the completed application for admission into the nursing clinical core.
• Copy of active CPR for healthcare providers.
• Evidence of a health examination (current within six months of admission) if applicable. Check with the respective program office.
• Evidence of up-to-date immunizations or evidence of serologic immunity as required by clinical agencies signed by a healthcare provider.

Articulation Policy for LPN to BSN Students

The following policy applies ONLY to the LPN to BSN Bridge program offered at the NAU Overland Park, Kansas campus.

The LPNs, who desire to become professional nurse with BSN degree, will take the NS3315 LPN to RN Transition Course. Admission for articulation is based on academic criteria and complies with Kansas State Board of Nursing policies, 1202 commission report and follows recommendations of the Council for Nursing Articulation in Kansas.

All licensed practical nurses will make application for acceptance into the BSN program and complete the following requirements. Acceptance is based on available resources and overall ranking in the following areas:
• Admission to National American University must be made before application to the nursing clinical core.
• In-state applicant must be a graduate of a Kansas State Board of Nursing approved practical nursing school/program with a cumulative GPA of 2.8 or above. Individual evaluation of credits will be accomplished by reviewing an official transcript from the previous nursing school/program and course syllabi. Validation of nursing competencies in selected skill sets will be conducted following the recommendations of the Council for Nursing Articulation in Kansas. Non-nursing course credits may be transferred according to NAU’s policy.
• Out-of-state graduates from other state board of nursing approved practical nursing schools/programs will be evaluated individually by reviewing applicants' official transcripts and course syllabi. Validation of nursing competencies in selected skill sets will be conducted following the recommendations of the Council for Nursing Articulation in Kansas. Non-nursing course credits may be transferred according to NAU’s policy.
• Current active unencumbered LPN license from any state within the United States must be on the completed application for admission.
• Successful completion of the NS3315 LPN to RN Transition Course, 4.5 credit hours to be taken in the summer quarter prior of admission into the nursing clinical core.
• Nine (9) credit hours will be held in escrow for the LPN bridging student. The student must successfully pass the first nursing courses NS3320D, NS3330 and NS3331 to have the nine (9) credit hours fully transferred into the program.
• Students who have completed nursing foundational coursework at NAU will be given priority consideration but not guaranteed admission into the nursing clinical core.

Criteria to be considered for acceptance into the nursing clinical core:
• Minimum cumulative GPA of 2.8 on all nursing foundational courses must be accomplished by the student.
• All nursing foundational courses must be completed by the clinical core application deadline.
• All required foundational core courses must be completed with a minimum grade of "C".
• All science courses must have been completed within five (5) years of application.
• All nursing foundational core courses may be transferred into the program except for CS1500 Strategies for Success and CS2080 Career Management.
• Prior to application to the nursing clinical core, applicants must successfully complete a pre-entrance examination, Test of Essential Academic Skills (TEAS). The student must take the TEAS test at a NAU School of Nursing campus program location or arrange for an official transfer of the scores from ATI to the program of application. The TEAS provides means to determine the potential for professional competency. The TEAS score will remain valid as entry criteria for six months. Applicants may retake the test if desired in an attempt to gain a higher score. Fourteen days is the time between retest of TEAS as sitting is available.

*For a new start BSN clinical core, the application timeline may be modified.

The general education transfer courses for the nursing foundational core must meet the same NAU admissions criteria. All nursing prefix (NS) courses must be completed at NAU.
Bachelor of Science in Nursing: BSN Degree Requirements

186.5 Credits

Offered at the Bloomington, Overland Park, Rapid City and Sioux Falls campuses.

Nursing Clinical Core (107)

(All of the following 107 credits must be earned at NAU.)

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<td>Pathophysiologic Concepts I 4</td>
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<tr>
<td>NS3321</td>
<td>Holistic Health Assessment 4</td>
</tr>
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<td>NS3325</td>
<td>Introduction to Professional Nursing Practice 3</td>
</tr>
<tr>
<td>NS3326D</td>
<td>Professional Role Development 2</td>
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<tr>
<td>NS3330</td>
<td>Foundations of Holistic Nursing 7</td>
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<td>NS3331</td>
<td>Foundations of Holistic Nursing Clinical 3</td>
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<td>NS3340D</td>
<td>Pathophysiologic Concepts II 4</td>
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<td>NS3343</td>
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<tr>
<td>NS3346D</td>
<td>Pharmacology for Nurses 4</td>
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<td>NS4000D</td>
<td>Issues in Transcultural Nursing 4</td>
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<td>NS4060D</td>
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<td>NS4400D</td>
<td>Leadership and Management in Nursing** 6</td>
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Nursing Foundational Core (79.5)

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Communications

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<td>EN2150D</td>
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<td>Anatomy and Physiology I with Lab</td>
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</tr>
<tr>
<td>SC1332</td>
<td>Anatomy and Physiology II with Lab</td>
<td>6</td>
</tr>
<tr>
<td>SC1422</td>
<td>Microbiology with Lab</td>
<td>6</td>
</tr>
</tbody>
</table>

Mathematics

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA2050</td>
<td>College Algebra</td>
<td>4.5</td>
</tr>
<tr>
<td>MA3000</td>
<td>Business Statistics</td>
<td>4.5</td>
</tr>
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Humanities

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000+</td>
<td>Elective</td>
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</tr>
<tr>
<td>3000+</td>
<td>Elective</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Behavioral/Social Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO1050</td>
<td>Introduction to Sociology</td>
<td>4.5</td>
</tr>
<tr>
<td>PS1050</td>
<td>Introduction to Psychology</td>
<td>4.5</td>
</tr>
<tr>
<td>PS2000</td>
<td>Human Growth and Development</td>
<td>4.5</td>
</tr>
</tbody>
</table>

General Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
<td>4.5</td>
</tr>
<tr>
<td>CS2080</td>
<td>Career Management</td>
<td>3</td>
</tr>
</tbody>
</table>

^ Or placement recommended.

** Capstone course.

Residents of the state of Minnesota or students attending any Minnesota campus:

must take at least 18 credits at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO.

NOTE: Nursing foundational core courses can be completed at the Brooklyn Center, Bloomington, Independence, Overland Park, Rapid City, Roseville, Sioux Falls and Zona Rosa campuses.

(Not Available for Block Transfer)
Bachelor of Science in Nursing: LPN to BSN Degree Requirements
191 Credits

Offered at the Overland Park campus.

NOTE: LPN bridging into the BSN clinical core students must have a PN diploma (32 credits) with a 2.8 CGPA or above and a current active unencumbered LPN license.

Minimum course grade of "C" required for the LPN to RN Transition course.

LPN to RN Transition (4.5)

LPN TO RN TRANSITION (4.5) ONLY for Bridging LPNs into the BSN clinical core.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS3315 LPN to RN Transition</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Nursing Clinical Core (107)

(ALL CREDITS MUST BE TAKEN WITH NAU. Except LPN Escrow courses.)

<table>
<thead>
<tr>
<th>Nursing Clinical Core</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS3320D Pathophysiologic Concepts I</td>
<td>4</td>
</tr>
<tr>
<td>NS3321 Holistic Health Assessment*</td>
<td>4</td>
</tr>
<tr>
<td>NS3325 Introduction to Professional Nursing* Practice</td>
<td>3</td>
</tr>
<tr>
<td>NS3326D Professional Role Development*</td>
<td>2</td>
</tr>
<tr>
<td>NS3330 Foundations of Holistic Nursing</td>
<td>7</td>
</tr>
<tr>
<td>NS3331 Foundations of Holistic Nursing Clinical</td>
<td>3</td>
</tr>
<tr>
<td>NS3340D Pathophysiologic Concepts II</td>
<td>4</td>
</tr>
<tr>
<td>NS3343 Holistic Nursing Care in Chronic Illness I</td>
<td>6</td>
</tr>
<tr>
<td>NS3345 Holistic Nursing Care in Chronic Illness Clinical</td>
<td>4</td>
</tr>
<tr>
<td>NS3346D Pharmacology for Nurses</td>
<td>4</td>
</tr>
<tr>
<td>NS3360 Holistic Nursing Care in Acute Illness I</td>
<td>7</td>
</tr>
<tr>
<td>NS3361 Holistic Nursing Care in Acute Illness I Clinical</td>
<td>3</td>
</tr>
<tr>
<td>NS4000D Issues in Transcultural Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NS4043 Holistic Nursing Care of the Community</td>
<td>6</td>
</tr>
<tr>
<td>NS4045 Holistic Nursing Care of the Community Clinical</td>
<td>2</td>
</tr>
<tr>
<td>NS4060D Caring for Vulnerable Populations</td>
<td>4</td>
</tr>
<tr>
<td>NS4143 Holistic Nursing Care in Acute Illness II and End of Life</td>
<td>6</td>
</tr>
<tr>
<td>NS4145 Holistic Nursing Care in Acute Illness II and End of Life Clinical</td>
<td>4</td>
</tr>
<tr>
<td>NS4210 Research and Evidence-Based Practice</td>
<td>4</td>
</tr>
<tr>
<td>NS4243 Holistic Nursing Care in Chronic Illness II and End of Life</td>
<td>6</td>
</tr>
<tr>
<td>NS4245 Holistic Nursing Care in Chronic Illness II and End of Life Clinical</td>
<td>4</td>
</tr>
<tr>
<td>NS4300 Concept Integration for the Professional Nursing Role I</td>
<td>5</td>
</tr>
<tr>
<td>NS4310 Concept Integration for the Professional Nursing Role II</td>
<td>5</td>
</tr>
<tr>
<td>NS4400D Leadership and Management in Nursing**</td>
<td>6</td>
</tr>
</tbody>
</table>

Nursing Foundational Core (79.5)

NOTE: Nursing foundational core courses can be completed at the Independence, Overland Park and Zona Rosa campuses.

(Not Available for Block Transfer)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1150 Composition I</td>
<td>4.5</td>
</tr>
<tr>
<td>EN1300 Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or Speech</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2150D Interpersonal Professional Communication</td>
<td>4.5</td>
</tr>
<tr>
<td>EN3050 Technical Communication</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Science

NOTE: All science transfer courses have a 5-year limit at application.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC1200 Principles of Nutrition</td>
<td>4.5</td>
</tr>
<tr>
<td>SC1232 Anatomy and Physiology I with Lab</td>
<td>6</td>
</tr>
<tr>
<td>SC1332 Anatomy and Physiology II with Lab</td>
<td>6</td>
</tr>
<tr>
<td>SC1422 Microbiology with Lab</td>
<td>6</td>
</tr>
</tbody>
</table>

Mathematics

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA2050 College Algebra</td>
<td>4.5</td>
</tr>
<tr>
<td>MA3000 Business Statistics</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Humanities

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000+ Elective</td>
<td>4.5</td>
</tr>
<tr>
<td>3000+ Elective</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Behavioral/Social Science

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO1050 Introduction to Sociology</td>
<td>4.5</td>
</tr>
<tr>
<td>PS1050 Introduction to Psychology</td>
<td>4.5</td>
</tr>
<tr>
<td>PS2000 Human Growth and Development</td>
<td>4.5</td>
</tr>
</tbody>
</table>

General Education

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1500 Strategies for Success</td>
<td>4.5</td>
</tr>
<tr>
<td>CS2080 Career Management</td>
<td>3</td>
</tr>
</tbody>
</table>

^ Or placement recommended.

* LPN Escrow courses. A total nine credit hours of nursing in Escrow until successful passing of the first nursing courses (NS3320D, NS3330 and NS3331).

** Capstone course.

All 3000-level nursing courses must be completed for progression to 4000-level nursing courses.
**Student Learning Outcomes**

- Synthesize knowledge from nursing, the arts and sciences in the holistic practice of professional nursing.
- Apply theory-based decision-making related to safe, competent and culturally congruent nursing care to individuals, families and communities in diverse settings across the lifespan emphasizing the concept of caring.
- Critically evaluate and utilize relevant findings of nursing research in professional nursing practice.
- Demonstrate professional values and behaviors consistent with professional standards.
- Assume responsibility for ongoing professional development in an ever-changing healthcare environment.

**Admissions Requirements**

The National American University Online RN to BSN program reviews applications and admits students every academic quarter. Admissions decisions are made and communicated in writing once the program application and admissions requirements have been completed and reviewed.

**Admissions criteria include the following:**

- Admission to National American University before application to the Online RN to BSN program.
- Graduation from an associate degree program in nursing or a diploma nursing program.*
- Current active unencumbered RN license from any state within the United States. Evidence of current license must be present in the student's department file.*

- Minimum cumulative GPA of 2.8 or above from the graduated associate degree program in nursing or diploma nursing program. Applicants who do not meet the cumulative GPA requirement are reviewed on a case-by-case basis and may be admitted under probationary status.
- Minimum cumulative GPA of 2.8 on all transferred general education courses.
- All nursing prefix (NS) courses must be completed through NAU online.

*All international nurses must have a current active unencumbered RN license from any state within the United States and an international professional evaluation of their prior education credentials.

**Online RN to BSN Requirements**

**190 Credits**

General education courses are offered online and at Albuquerque, Bloomington, Brooklyn Center, Colorado Springs, Denver, Independence, Lee's Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Watertown, Wichita and Zona Rosa.

Offered through NAU's distance learning program in all states except Texas.

*NOTE: Students must have an associate degree or diploma in nursing with a 2.8 CGPA or above and a current active unencumbered RN license.*

**Nursing Major Core (49)**

(All of the following 49 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS3026D</td>
<td>Concepts and Challenges in Professional Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NS3050D</td>
<td>Pathophysiology in Practice</td>
<td>4</td>
</tr>
<tr>
<td>NS3225D</td>
<td>Nursing Theory and Healthcare Delivery Models</td>
<td>4</td>
</tr>
<tr>
<td>NS3250D</td>
<td>Ethics and Issues in Contemporary Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NS3300D</td>
<td>Research in Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NS3310D</td>
<td>Evidence-Based Nursing Practice</td>
<td>3</td>
</tr>
<tr>
<td>NS4000D</td>
<td>Issues in Transcultural Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NS4050D</td>
<td>Public Health and Community Nursing</td>
<td>6</td>
</tr>
<tr>
<td>NS4060D</td>
<td>Caring for Vulnerable Populations</td>
<td>4</td>
</tr>
<tr>
<td>NS4150D</td>
<td>Information Technology in Nursing</td>
<td>4</td>
</tr>
<tr>
<td>NS4350D</td>
<td>Quality Management in Nursing and Health Care</td>
<td>4</td>
</tr>
<tr>
<td>NS4400D</td>
<td>Leadership and Management in Nursing **</td>
<td>6</td>
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</tbody>
</table>

**Support Core (4)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HA4050D</td>
<td>Healthcare Law</td>
<td>4</td>
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</tbody>
</table>

**Total Credits:** 190
### Academic Programs

- **National American University School of Nursing**

### Nursing or Open Electives (62 credits)

- NS4155D | Public Health and Community Nursing-Clinical
- Or Nursing or Open Electives | 2
- **62**

### General Education Core (75)

(Not Available for Block Transfer)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
<td>4.5</td>
</tr>
<tr>
<td>EN1300</td>
<td>Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2150</td>
<td>Interpersonal Professional Communications</td>
<td>4.5</td>
</tr>
<tr>
<td>EN3050</td>
<td>Technical Communications</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**18**

### Science

If sufficient SC credits are not available for transfer, completion of additional science electives will be required.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC1200</td>
<td>Principles of Nutrition</td>
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<tr>
<td>SC</td>
<td>Anatomy and Physiology Electives</td>
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<tr>
<td>SC</td>
<td>Microbiology Elective</td>
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</tr>
<tr>
<td>SC</td>
<td>Science Elective</td>
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**25.5**

### Mathematics

<table>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MA2050</td>
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<tr>
<td>MA3000</td>
<td>Business Statistics</td>
<td>4.5</td>
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</tbody>
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**9**

### Humanities

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities Electives</td>
<td></td>
<td>9</td>
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**9**

### Behavioral/Social Science

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SO1050</td>
<td>Introduction to Sociology</td>
<td>4.5</td>
</tr>
<tr>
<td>Behavioral/Social Science Elective</td>
<td></td>
<td>4.5</td>
</tr>
</tbody>
</table>

**9**

### General Education

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**4.5**

^ Or placement recommended.

** Capstone course

Minimum course grade of "C" required in each nursing course for progression in the nursing program.

Minimum course grade of "C" required for all other courses.

Minimum of 2.0 CGPA required for progression and graduation.

Residents of the state of MN or students attending any MN campus

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO.

(The university reserves the right to correct clerical errors.).

---

### Associate of Science in Nursing

**ASN Nursing**

Nursing is a career that is in great demand. Nursing offers opportunities in multiple settings with individuals, families and communities. The National American University Nursing Associate of Science degree will provide the student the knowledge and skills necessary to integrate practice theories and concepts from nursing, sciences and humanities when providing comprehensive nursing care in a variety of settings. The program will provide competent graduates prepared to take the NCLEX®-RN exam. (Completion of the program does not ensure student eligibility to take the NCLEX®-RN exam. Students are responsible for meeting eligibility requirements for licensure designated by the Nurse Practice Act and the respective state board of nursing.)

### Student Learning Outcomes

- Exhibit behaviors and characteristics congruent with the professional role.
- Utilize skills to promote communication and collaboration in the healthcare environment.
- Incorporate culturally sensitive information and care to promote health, prevent disease, restore health and promote adaptation across the lifespan.
- Create a safe and effective environment.

### Admissions Requirements

Admission to the nursing foundational core is based on the National American University admission criteria.

Admission to the nursing foundational core does not guarantee enrollment in the nursing clinical core. Admission to the nursing clinical core is selective and highly competitive.

Completed applications to the nursing clinical core must be received at least 90 days prior to the start of each nursing clinical core cohort. Spaces for the nursing clinical core are assigned on a competitive and space available basis for each admission period.

Acceptance is based on available resources and overall ranking in the following areas:

- Admission to National American University must be made before application to the nursing clinical core.
- Students who have completed nursing foundational course work at National American University will be given priority consideration but not guaranteed admission into the nursing clinical core.
- Criteria to be considered for acceptance into the nursing clinical core:
  - Minimum cumulative GPA of 2.8 on all nursing foundational courses must be accomplished by the student.
  - All nursing foundational courses must be completed by application.
• All science courses must have been completed within five (5) years of application. All science courses must have been achieved with a minimum "C".

• General education nursing clinical core courses (SC1201, SC1370, PS2000, SO1050 or PS1050) may be completed prior to acceptance into the nursing clinical core. They are not nursing foundational courses and will not be calculated into the nursing foundational core needed 2.8 cumulative GPA.

• State-specific verification of active certification of a nursing assistant must be on the completed application for admission into the nursing clinical core.

• Prior to application to the nursing clinical core, applicants must successfully complete a pre-entrance examination (TEAS). The student must take the TEAS test at a NAU School of Nursing campus program location or arrange for an official transfer of the scores from ATI to the program of application. The TEAS provides a means to determine the potential for professional competency. The TEAS score will remain valid as entry criteria for six months. Applicants may retake the test if desired in an attempt to gain a higher score. Fourteen days is the time between re-test of TEAS as sitting is available.

The following must be submitted with the application (the cost of the following items is student’s responsibility):

• Successful background check through an agency selected by National American University School of Nursing.

• Evidence of a physical exam (current within six (6) months of admission) completed and signed by a healthcare provider if applicable. Check with the respective program office.

• Evidence of up-to-date immunizations or evidence of serologic immunity as required by clinical agencies.

• Documentation of a negative TB skin test (taken within one year) or chest x-ray (taken with five (5) years) signed by a licensed professional.

• Documentation of current active CPR certification (American Heart Association for Healthcare Providers).

• Evidence of active health insurance (NAU student policy application is available at the student services desk).

• The ASN student applying to the clinical core should review and sign the functional abilities form. The signature implies the student can meet the physical needs to support the physical duties required of a nursing student.

* For a new start ASN clinical core, the application timeline may be modified.

In addition to meeting the NAU general admissions requirements, non-English speaking students must pass the official Test of English as a Foreign Language (TOEFL) with a minimum score of 500 paper-based exam, 173 computer-based exam, or 61 for an Internet-based exam.

The general education transfer courses for the nursing foundational core must meet the same NAU admissions criteria.

All nursing prefix (NS) courses must be completed at NAU.

**ASN Requirements**

**108 Credits**

**Nursing Clinical Core (64)**

(All of the following 64 credits must be earned at NAU.)

Offered at Denver and Zona Rosa campuses.

<table>
<thead>
<tr>
<th>Nursing Clinical Core</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS1010 Introduction to Professional Nursing</td>
<td>2</td>
</tr>
<tr>
<td>NS1020 Health Assessment</td>
<td>2</td>
</tr>
<tr>
<td>NS1030 Foundations of Nursing Practice</td>
<td>8</td>
</tr>
<tr>
<td>NS1031(1) Foundations of Nursing Practice - Clinical</td>
<td>2</td>
</tr>
<tr>
<td>NS1040 Pharmacology I</td>
<td>4</td>
</tr>
<tr>
<td>NS1050 Adult Health Needs I</td>
<td>4</td>
</tr>
<tr>
<td>NS1051(2) Adult Health Needs I – Clinical</td>
<td>5</td>
</tr>
<tr>
<td>NS2011 Maternal/Child Nursing</td>
<td>6</td>
</tr>
<tr>
<td>NS2012(3) Maternal/Child Nursing – Clinical</td>
<td>3</td>
</tr>
<tr>
<td>NS2021 Mental Health Needs of Clients and Families</td>
<td>3</td>
</tr>
<tr>
<td>NS2022(4) Mental Health Needs of Clients and Families – Clinical</td>
<td>2</td>
</tr>
<tr>
<td>NS2031 Adult Health Needs II</td>
<td>4</td>
</tr>
<tr>
<td>NS2032(5) Adult Health Needs II - Clinical</td>
<td>7</td>
</tr>
<tr>
<td>NS2040 Pharmacology II</td>
<td>1</td>
</tr>
<tr>
<td>NS3011 Complex Adult Health Needs</td>
<td>5</td>
</tr>
<tr>
<td>NS3012(6) Complex Adult Health Needs - Clinical</td>
<td>6</td>
</tr>
</tbody>
</table>

---

**General Education Core (44)**

**Nursing Foundational Core (27)**

*NOTE: Nursing foundational core courses may be completed at the Colorado Springs, Denver, Independence, Overland Park and Zona Rosa campuses.

(Not Available for Block Transfer)*

<table>
<thead>
<tr>
<th>Communications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EN1150 Composition I</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**Science**

*NOTE: All science transfer courses have a 5-year limit at application.*

**All science courses must be completed with a "C" grade or higher.**

| SC1232 Human Anatomy and Physiology I with Lab | 6 |
| SC1332 Human Anatomy and Physiology II with Lab | 6 |
| SC1422 Microbiology with Lab | 6 |

**18**

<table>
<thead>
<tr>
<th>Mathematics</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MA1500 Algebra Elective or MA2050</td>
<td>4.5</td>
</tr>
</tbody>
</table>

4.5
Nursing Clinical Core (17)

Science

NOTE: All science transfer courses have a 5-year limit at application.
All science courses must be completed with a "C" grade or higher.

SC1201  Nutritional Foundations  2
SC1370  Pathophysiology            6
                                  8

Behavioral/Social Sciences

PS1050 or  Introduction to Psychology or
SO1050   Introduction to Sociology  4.5
PS2000   Human Growth and Development  4.5
                                  9

1. NS1031 must be taken concurrently with NS1030
2. NS1051 must be taken concurrently with NS1050
3. NS2012 must be taken concurrently with NS2011
4. NS2022 must be taken concurrently with NS2021
5. NS2032 must be taken concurrently with NS2031
6. NS3012 must be taken concurrently with NS3011

* Or placement recommended.

Students must have a state specific verification of active certification of a
nursing assistant and be officially accepted into the nursing clinical core to
register for nursing (NS) courses.

Minimum of 2.8 CGPA in the nursing foundational core.

Minimum course grade of "C" required for progression in all courses within
the nursing clinical core.

Admission to the nursing foundational core does NOT guarantee enrollment
in the nursing clinical core.

(The university reserves the right to correct clerical errors.).

PN and ASN Mobility Program

Nursing is both an art and a science with varying levels of practitioners. The art of nursing centers upon the meaning of relationships between the patient and nurse. In practicing the art of nursing, the nurse gives attention to aesthetic and caring approaches. Nursing as a science is based upon a unique body of knowledge derived from a general education in the areas of physical, biological and behavioral sciences.

Within nursing, there are levels of practice within varying settings which require different educational preparation. The practical nurse graduate provides direct patient care by assisting with data collection, contributing to a plan of care, performing basic therapeutic and preventive nursing measures, and assisting in evaluating the outcomes of nursing interventions of patients with commonly occurring health problems. The Associate of Science degree graduate provides direct care for more complex patient problems which require judgment and collaborative decision-making.

Student Learning Outcomes

• Exhibit behaviors and characteristics congruent with the professional role.
• Utilize skills to promote communication and collaboration in the healthcare environment.
• Incorporate culturally sensitive information and care to promote health, prevent disease, restore health and promote adaptation across the lifespan.
• Create a safe and effective environment

PN Program Diploma

Admissions Requirements

Note: Due to the initiation of the BSN program, the PN program is in the phase-out stage and will not accept student applicants after September 1, 2010.

Admission to the practical nursing foundational core is based on the National American University admission criteria.

Admission to the practical nursing foundational core does not guarantee enrollment in the practical nursing clinical core. Admission to the practical nursing clinical core is selective and highly competitive.

Completed applications to the practical nursing clinical core must be received at least 90 days prior to the start of each practical nursing clinical core cohort. Spaces for the practical nursing clinical core are assigned on a competitive and space available basis for each admission period.

Admission for PN articulation is based on academic criteria and complies with individual state board of nursing policies.

Acceptance is based on available resources and overall ranking in the following areas:

• Admission to National American University must be made before application to the practical nursing clinical core.
• Students who have completed practical nursing foundational course work at National American University will be given priority consideration but not guaranteed admission into the practical nursing clinical core.
• Criteria to be considered for acceptance into the practical nursing clinical core:
  • Minimum cumulative GPA of 2.8 on all practical nursing foundational courses must be accomplished by the student.
  • All nursing foundational courses must be completed by application.
  • All science courses must have been completed within five (5) years of application. All science courses must have been achieved with a minimum "C".
  • Minimum grade of "C" in Anatomy and Physiology I, Anatomy and Physiology II and Algebra (elective) must be achieved.
  • State specific verification of active certification of a nursing assistant must be on the completed application for admission into the practical nursing clinical core.
• Prior to application to the practical nursing clinical core, applicants must successfully complete a pre-entrance examination (TEAS). The student must take the TEAS test at a NAU School of Nursing campus program location or arrange for an official transfer of the scores from ATI to the program of application. The TEAS provides a means to
determine the potential for professional competency. The TEAS score will remain valid as entry criteria for six months. Applicants may retake the test if desired in an attempt to gain a higher score. Fourteen days is the time between re-test of TEAS as sitting is available.

The following must be submitted with the application (the cost of the following items is student’s responsibility):  
- Successful background check through an agency selected by National American University School of Nursing.  
- Evidence of a physical exam (current within six (6) months of admission) completed and signed by a healthcare provider if applicable. Check with the respective program office.  
- Evidence of up-to-date immunizations or evidence of serologic immunity as required by clinical agencies.  
- Documentation of a negative TB skin test (taken within one year) or chest x-ray (taken with five (5) years) signed by a licensed professional.  
- Documentation of current active CPR certification (American Heart Association for Healthcare Providers).  
- Evidence of active health insurance (NAU student policy application is available at the student services desk).

**Practical Nursing Diploma Requirements**  
**62 Credits**  
Offered at the Overland Park campus.

**Nursing Clinical Core (32)**

(All of the following 32 credits must be earned at NAU.).

**Nursing Clinical Core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>NS1100</td>
<td>Basic Skills and Concepts of Nursing with Clinical</td>
<td>8</td>
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<tr>
<td>NS1105</td>
<td>Pharmacology for Nurses</td>
<td>4</td>
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<tr>
<td>NS1111</td>
<td>Nursing I: Adult-Common Health Needs with Clinical</td>
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<td>NS1122</td>
<td>Nursing II: Mental Health and Gerontology with Clinical</td>
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<tr>
<td>NS1133</td>
<td>Nursing III: Reproductive Systems and Pediatrics with Clinical</td>
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<tr>
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**Nursing Foundational Core (30)**

<table>
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<tr>
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</tr>
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<td></td>
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</table>

**Science**

*NOTE: All science transfer courses have a 5-year limit at application. All science courses must be completed with a “C” grade or higher.*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SC1200</td>
<td>Principles of Nutrition</td>
<td>4.5</td>
</tr>
<tr>
<td>SC1232#</td>
<td>Human Anatomy and Physiology I with Lab</td>
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</tr>
<tr>
<td>SC1332#</td>
<td>Human Anatomy and Physiology II with Lab</td>
<td>6</td>
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**Mathematics**

<table>
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<tbody>
<tr>
<td>MA1500</td>
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<td>MA2050#</td>
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<td><strong>4.5</strong></td>
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**Behavioral/Sciences**

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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>PS2000</td>
<td>Human Growth and Development</td>
<td>4.5</td>
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</tbody>
</table>

^ Or placement recommended.

# Courses must be taken before entering the practical nursing clinical core.

Students must have a state specific verification of active certification of a nursing assistant and be officially accepted into the nursing clinical core to register for nursing (NS) courses.

Minimum of 2.8 CGPA must be maintained in each prerequisite course required for the practical nursing clinical core.

Minimum of 2.0 CGPA must be maintained in all practical nursing clinical core courses.

Admission to the Nursing Foundational Core does NOT guarantee enrollment in the Nursing Clinical Core.

(The university reserves the right to correct clerical errors.)

**ASN Mobility Program**

**Admission Requirements**

*Note: Due to the initiation of the BSN program, the ASN Mobility program is in the phase-out stage and will not accept student applicants after December 1, 2010.*

The ASN Mobility program admits active licensed practical nurses.

Admission to the ASN Mobility foundational core is based on the National American University admission criteria.

Admission to the ASN Mobility foundational core does not guarantee enrollment in the ASN Mobility clinical core. Admission to the ASN Mobility clinical core is selective and highly competitive.

Admissions for ASN Mobility articulation is based on academic criteria and complies with the state board of nursing policies.

Completed applications to the ASN Mobility clinical core must be received at least 90 days prior to the start of each ASN Mobility clinical core cohort. Spaces for the ASN Mobility clinical core are assigned on a competitive and space available basis for each admission period.

Acceptance is based on available resources and overall ranking in the following areas:

- Admission to National American University before application to the ASN Mobility clinical core.
- Students who have completed ASN Mobility foundational course work at National American University will be given priority consideration but not guaranteed admission into the ASN Mobility clinical core.
- Graduation from a practical nursing program with a cumulative GPA of 2.8 or above.
- Current active unencumbered LPN license.
• Criteria to be considered for acceptance into the ASN Mobility clinical core:
  • Minimum cumulative GPA of 2.8 on all ASN Mobility foundational courses.
  • All nursing foundational courses must be completed by application.
  • All science courses must have been completed within five (5) years of application. All science courses must have been achieved with a minimum "C”.
  • Minimum grade of "C" in Anatomy and Physiology I, Anatomy and Physiology II and Algebra (elective).
  • Prior to application to the ASN Mobility clinical core, applicants must successfully complete a pre-entrance examination (TEAS). The student must take the TEAS test at a NAU School of Nursing campus program location or arrange for an official transfer of the scores from ATI to the program of application. The TEAS provides a means to determine the potential for professional competency. The TEAS score will remain valid as entry criteria for six months. Applicants may retake the test if desired in an attempt to gain a higher score. Fourteen days is the time between re-test of TEAS as sitting is available.

The following must be submitted with the application (the cost of the following items is student’s responsibility):
  • Successful background check through an agency selected by National American University School of Nursing.
  • Evidence of a physical exam (current within six (6) months of admission) completed and signed by a healthcare provider if applicable. Check with the respective program office.
  • Evidence of up-to-date immunizations or evidence of serologic immunity as required by clinical agencies.
  • Documentation of a negative TB skin test (taken within one year) or chest x-ray (taken with five (5) years) signed by a licensed professional.
  • Documentation of current active CPR certification (American Heart Association for Healthcare Providers).
  • Evidence of active health insurance (NAU student policy application is available at the student services desk).

In addition to meeting the NAU general admissions requirements, non-English speaking students must pass the official Test of English as a Foreign Language (TOEFL) with a minimum score of 500 paper-based exam, 173 computer based exam, or 61 for an Internet-based exam.

The general education transfer courses for the Practical Nursing/ASN Mobility foundational core must meet the same NAU admission criteria.

All nursing prefix (NS) courses must be completed at NAU.

**Associate of Science Degree, ASN Mobility Program Requirements**

**107 Credits**

Offered at the Overland Park campus.

**Nursing Clinical Core (30)**

(All of the following 30 credits must be earned at NAU.)

**Nursing Clinical Core**  
Credit | Courses  
--- | ---  
NS2130* | Nursing and Diseases  
NS2140* | Nursing IV: Adult-Complex  
NS2150 | Nursing V: Critical Care, ER, Surgery with Clinical  
NS2160 | Nursing VI: Maternity and Pediatric, Community Health with Clinical  
NS2170 | Dimensions of Nursing

<table>
<thead>
<tr>
<th>Nursing Clinical Core</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td><strong>NS2130</strong></td>
<td>6</td>
</tr>
<tr>
<td><strong>NS2140</strong></td>
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</tr>
<tr>
<td><strong>NS2150</strong></td>
<td>6</td>
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<tr>
<td><strong>NS2160</strong></td>
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<tr>
<td><strong>NS2170</strong></td>
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**Nursing Foundational Core (45)**

**Communications**

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
</table>
| EN1150 | Composition I  
| EN2100 or EN2150 | Interpersonal Professional Communications

<table>
<thead>
<tr>
<th>Communications</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td><strong>EN1150</strong></td>
<td>4.5</td>
</tr>
<tr>
<td><strong>EN2100 or EN2150</strong></td>
<td>4.5</td>
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<tr>
<td><strong>Total</strong></td>
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</table>

**Science**

**NOTE: All science transfer courses have a 5-year limit at application.**

All science courses must be completed with a “C” grade or higher.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
</table>
| SC1200 | Principles of Nutrition  
| SC1232 | Human Anatomy and Physiology I with Lab  
| SC1332 | Human Anatomy and Physiology II with Lab  
| SC1422 | Microbiology with Lab

<table>
<thead>
<tr>
<th>Science</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>SC1200</strong></td>
<td>4.5</td>
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<tr>
<td><strong>SC1232</strong></td>
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<tr>
<td><strong>SC1332</strong></td>
<td>6</td>
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<tr>
<td><strong>SC1422</strong></td>
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<td><strong>Total</strong></td>
<td><strong>22.5</strong></td>
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</table>

**Mathematics**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
</table>
| MA1500 | Algebra Elective  
| MA2050 |  

<table>
<thead>
<tr>
<th>Mathematics</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MA1500</strong></td>
<td>4.5</td>
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<tr>
<td><strong>MA2050</strong></td>
<td>4.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>9</strong></td>
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</tbody>
</table>

**Behavioral/Social Sciences**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
</table>
| SO1050 | Introduction to Sociology  
| PS2000 | Human Growth and Development

<table>
<thead>
<tr>
<th>Behavioral/Social Sciences</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SO1050</strong></td>
<td>4.5</td>
</tr>
<tr>
<td><strong>PS2000</strong></td>
<td>4.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>9</strong></td>
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</tbody>
</table>

^ Or placement recommended.

* NS2130 and NS2140 must be taken concurrently.

Students must be officially accepted into the ASN Mobility program to register for the nursing clinical core.

Minimum of 2.0 CGPA must be maintained in all courses of the ASN Mobility program for progression and graduation.
ORGANIZATIONAL LEADERSHIP

Today’s organizations need business professionals who are dynamic leaders and informed decision-makers in order to be successful in the competitive global economy. This degree program is designed for persons seeking to upgrade their leadership skills and advance in organizations. Graduates will have a distinct advantage in being able to combine core business knowledge with insight and skills gained from the added dimension of course work in organizational leadership. These courses prepare students to be better leaders, to initiate change, to solve problems, and to foster more innovative learning environments.

Students who have an interest in combining the knowledge and skills gained through the study of organizational leadership with those acquired in the field of human resource management should consider completing the human resource management emphasis core courses as open elective options. For those students considering future enrollment in the university’s master of business administration program, FN3000 Business Finance I should be completed as an open elective course.

Student Learning Outcomes

Graduates of the program will:

• utilize knowledge and skills related to leadership traits, motivation, and teamwork to attain organizational goals.
• generate creative and innovative ideas to address organizational needs and strategic opportunities.
• improve organizational efficiency and effectiveness through the use of oral, written and electronic communication methods.
• initiate and implement organizational change.
• apply ethical decision-making models to ethical dilemmas in an organization’s internal and external environments.
• resolve identified problems or address opportunities using various decision-making models.
• employ general business and management skills to meet organizational needs.

Organizational Leadership: Bachelor of Science Degree Requirements

187 Credits

Offered at Albuquerque, Austin, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee’s Summit, Rapid City and Rio Rancho. This program is also offered through NAU’s distance learning program.

Organizational Leadership Major Core
(At least 18 of the following 33 credits must be taken with NAU.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MT4200</td>
<td>Business Ethics</td>
<td>4.5</td>
</tr>
<tr>
<td>MT4300</td>
<td>Management Across Cultures</td>
<td>4.5</td>
</tr>
<tr>
<td>OL3100</td>
<td>Principles of Organizational Leadership</td>
<td>4.5</td>
</tr>
<tr>
<td>OL4100</td>
<td>Organizational Culture and</td>
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<tr>
<td>OL4200</td>
<td>Learning Organizations</td>
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</tr>
<tr>
<td>OL4300</td>
<td>Organizational Development and Change</td>
<td>4.5</td>
</tr>
<tr>
<td>OL4500</td>
<td>Action Research I **</td>
<td>2</td>
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<tr>
<td>OL4550</td>
<td>Action Research II **</td>
<td>2</td>
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<td>AC2760</td>
<td>Accounting for Managers</td>
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</tr>
<tr>
<td>EC2050</td>
<td>Macroeconomics</td>
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<tr>
<td>EC2100</td>
<td>Microeconomics</td>
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<tr>
<td>FN3000</td>
<td>Business Finance I</td>
<td>4.5</td>
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<tr>
<td>LA3100</td>
<td>Business Law</td>
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<td>MG1050</td>
<td>Principles of Marketing</td>
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<td>MT3250</td>
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<tr>
<td>MT4250</td>
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Support Core

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<tbody>
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<td>AC2760</td>
<td>Accounting for Managers</td>
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<tr>
<td>FN3000</td>
<td>Business Finance I</td>
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<tr>
<td>LA3100</td>
<td>Business Law</td>
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<td>Principles of Management</td>
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<td>Human Resource Management</td>
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<td>MT3250</td>
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<td>MT4250</td>
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Open Electives (45)

<table>
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<tr>
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<th>Course Title</th>
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<tr>
<td>EN1150</td>
<td>Composition I</td>
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<tr>
<td>EN1300</td>
<td>Composition II</td>
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</tr>
<tr>
<td>EN2100 or</td>
<td>Speech or</td>
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</tr>
<tr>
<td>EN2150</td>
<td>Interpersonal Professional Communications</td>
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</tr>
<tr>
<td>EN3050</td>
<td>Technical Communications</td>
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Science Electives

<table>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
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<td>EC2050</td>
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<td>EC2100</td>
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<td>MT4250</td>
<td>Entrepreneurship</td>
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Humanities Electives

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<th>Course Title</th>
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<tbody>
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<td>EN1150</td>
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<tr>
<td>EN1300</td>
<td>Composition II</td>
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<td>EN2100 or</td>
<td>Speech or</td>
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<tr>
<td>EN2150</td>
<td>Interpersonal Professional Communications</td>
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<td>EN3050</td>
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Behavioral/Social Science Electives

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<th>Course Title</th>
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</thead>
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<td>EC2050</td>
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<tr>
<td>EC2100</td>
<td>Microeconomics</td>
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<tr>
<td>FN3000</td>
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<tr>
<td>LA3100</td>
<td>Business Law</td>
<td>4.5</td>
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<tr>
<td>MG1050</td>
<td>Principles of Marketing</td>
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<td>MT2050</td>
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<td>MT4250</td>
<td>Entrepreneurship</td>
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General Education Core (66)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
<td>4.5</td>
</tr>
<tr>
<td>EN1300</td>
<td>Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or</td>
<td>Speech or</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2150</td>
<td>Interpersonal Professional Communications</td>
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</tr>
<tr>
<td>EN3050</td>
<td>Technical Communications</td>
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General Education (34.5) (Course-by-course transfer)

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<tr>
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<tbody>
<tr>
<td>MA2050</td>
<td>College Algebra</td>
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<tr>
<td>MA3000</td>
<td>Business Statistics</td>
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General Education

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<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
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<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>CS2080</td>
<td>Career Management</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Computer Literacy</strong></td>
<td><strong>7.5</strong></td>
</tr>
<tr>
<td></td>
<td>Introduction to CIS or CI Elective</td>
<td>4.5</td>
</tr>
</tbody>
</table>

**Capstone Course - Senior level, minimum "C" grade required, must be completed at NAU.**

**Students residing in the state of Texas:**

## Block transfer is not available to these students.

**Residents of the state of Minnesota or students attending any Minnesota campus:**

must take at least four courses at the 3000+ level in EN, FL, HI, HU, MA, PS, SC or SO

## Block transfer is not available to these students.

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Organizational Leadership Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)
VETERINARY TECHNOLOGY

Veterinary Technology: Associate of Applied Science Degree

This is an eight-quarter program with the last quarter consisting of an externship during which the student will work with a veterinarian in a veterinary office. The veterinary technology program is accredited by the American Veterinary Medical Association (AVMA). Students in this program are trained to assist veterinarians in all aspects of a veterinary practice including patient care, medication administration, surgical preparation, equipment maintenance, radiological procedures, laboratory procedures, public relations, and office procedures. Veterinary technicians do not diagnose, prescribe medications, or perform surgery. Upon graduation, the veterinary technician is qualified to take the National Veterinary Technician Exam and/or any other state exam required for registration, certification or licensure in that state.

The veterinary technology curriculum emphasizes laboratory and science courses such as clinical pathology, radiology, surgical assisting, and microbiology. These courses enable the technician to become a paraprofessional member of the veterinary medical team. Business and general education courses create a well-rounded education that can also be used in office management and front office work. This curriculum is not intended to prepare a student for admission to a school of veterinary medicine. The laboratory courses and externship program give the hands-on experience needed for development of skills for clinical situations. Students considering enrollment into this program are encouraged to concentrate on math and science in high school.

Recommended high school courses include algebra, biology, chemistry and communication courses.

With the exception of biological concepts, general chemistry, and biochemistry, all science, animal science, and veterinary technology courses, including medical terminology, must be passed with a grade of "C" or above. All prerequisites for courses in the veterinary technology program must be passed with at least a "C" before the student is allowed to continue on to the next course.

Any student who fails to achieve a minimum of a "C" grade after the second attempt in a veterinary technology professional course will meet with an academic advisor to find a more suitable course of study.

Students enrolling in this program must possess hand/finger dexterity as well as the ability to restrain, handle, and/or lift large and small animals. Students entering the veterinary technology program must show proof of health insurance. If the student does not have current health insurance, he or she will be required to purchase coverage through the student health insurance program prior to the beginning of their first term.

Veterinary technicians may find positions working in research facilities, teaching institutions, zoos, animal parks, the military, veterinary clinics, feed, drug, and veterinary equipment companies, and the government. A career as a veterinary technician involves the excitement and challenge of veterinary medicine and the rewards of working with animals and their owners.

Admission Policy

All students applying for admission to the Veterinary Technology program, whose Academic Success Appraisal scores indicate the need for EN0500 English and MA0900 Foundations of Mathematics courses, will be placed in the Veterinary Assisting Diploma program. At the end of the first academic year (fall, winter, and spring terms), students may transfer to the Veterinary Technology program for the subsequent academic year if they have met the GPA requirements of the Veterinary Assisting program as follows:

- An overall GPA of 2.5 for the program.
- A "B" or higher grade in SC1180 Basic Animal Anatomy, AH2320 Basic Clinical Procedures, and AH1520 Introduction to Small Animal Nutrition.
- A "C" or higher grade in the remaining Veterinary Assisting core classes.

The grade criteria listed would apply to all students wanting to move from the Veterinary Assisting program to the Veterinary Technology program regardless of their placement scores.

Program Goals

The program will:

- educate, graduate and place students in the field of veterinary technology.
- provide an adequate academic knowledge base so that students will be able to successfully pass the Veterinary Technician National Exam.
- provide opportunities for students to develop hands-on skills required of veterinary technicians in a clinical setting.
- instill in students the importance of educating clients regarding animal care and public health.
- encourage membership in local, state and national veterinary technician associations as students and then as graduates.
- foster an environment for students that encourages lifelong learning after graduation.
- encourage in students a sense of professionalism including ethical values and behavior.
- provide continuing education opportunities for students and graduate veterinary technicians.

Student Learning Outcomes

Graduates of the program will:

- demonstrate a fundamental knowledge specific to the field of veterinary technology.
- perform hands-on skills required in a clinical setting.
- communicate effectively through speaking and writing.
- identify and follow the ethical guidelines governing the conduct of veterinarians and veterinary technicians.
• recognize the value of lifelong learning.
• recognize the importance of participating in professional organizations.

Veterinary Technology: Associate of Applied Science Degree Requirements
134.5 Credits

Offered at Rapid City.

The Veterinary Technology program is accredited by CVTEA, a subcommittee of AVMA.

Animal Health Major Core  Credit Hours
(16 of the following 44 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AH1150*</td>
<td>Animal Technology Topics</td>
<td>4</td>
</tr>
<tr>
<td>AH1160**</td>
<td>Principles of Animal Care</td>
<td>1</td>
</tr>
<tr>
<td>AH1180*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AH1500*</td>
<td>Introduction to Exotic Animals</td>
<td>1</td>
</tr>
<tr>
<td>AH2230*</td>
<td>Animal Restraint I</td>
<td>1</td>
</tr>
<tr>
<td>AH2240*</td>
<td>Animal Restraint II</td>
<td>1</td>
</tr>
<tr>
<td>AH2300*</td>
<td>Clinical Pathology I</td>
<td>2</td>
</tr>
<tr>
<td>AH2310*</td>
<td>Clinical Pathology I - Lab</td>
<td>2</td>
</tr>
<tr>
<td>AH2400*</td>
<td>Clinical Pathology II</td>
<td>2</td>
</tr>
<tr>
<td>AH2410*</td>
<td>Clinical Pathology II-Lab</td>
<td>2</td>
</tr>
<tr>
<td>AH2500*</td>
<td>Laboratory Animal Science</td>
<td>1</td>
</tr>
<tr>
<td>AH2700*</td>
<td>Veterinary Office and Hospital Management</td>
<td>4</td>
</tr>
<tr>
<td>AH3150*</td>
<td>Animal Clinic</td>
<td>4</td>
</tr>
<tr>
<td>AH3200*</td>
<td>Radiological Procedures</td>
<td>3</td>
</tr>
<tr>
<td>AH3350*</td>
<td>Anesthesia for Veterinary Technicians</td>
<td>2</td>
</tr>
<tr>
<td>AH3400*</td>
<td>Anesthesiology and Surgical Procedures</td>
<td>4</td>
</tr>
<tr>
<td>AH3700</td>
<td>Practicum (Externship)</td>
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**Animal Science Major Core**
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>AS1250*</td>
<td>Introduction to Animal Science</td>
<td>4</td>
</tr>
<tr>
<td>AS2350*</td>
<td>Animal Diseases and Prevention I</td>
<td>4</td>
</tr>
<tr>
<td>AS2360*</td>
<td>Animal Diseases and Prevention II</td>
<td>1</td>
</tr>
<tr>
<td>AS2500*</td>
<td>Animal Reproduction</td>
<td>4</td>
</tr>
<tr>
<td>AS2600*</td>
<td>Applied Animal Nutrition</td>
<td>4</td>
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</table>

**Support Core**
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ME1150*</td>
<td>Medical Terminology</td>
<td>4</td>
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**Open Electives**
<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>8</td>
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**General Education Core (GI.5)**

**Communications**
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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
<td>4.5</td>
</tr>
<tr>
<td>EN1300</td>
<td>Composition II</td>
<td>4.5</td>
</tr>
<tr>
<td>EN2100 or Speech</td>
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<tr>
<td>EN2150</td>
<td>Interpersonal Professional Communications</td>
<td>4.5</td>
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**Science**
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SC1055</td>
<td>Biological Concepts with Lab</td>
<td>4.5</td>
</tr>
<tr>
<td>SC1240*</td>
<td>Anatomy and Physiology of Domestic Animals I</td>
<td>4</td>
</tr>
<tr>
<td>SC1280*</td>
<td>Comparative Anatomy Lab</td>
<td>2</td>
</tr>
<tr>
<td>SC1320*</td>
<td>Anatomy and Physiology of Domestic Animals II</td>
<td>3</td>
</tr>
<tr>
<td>SC1354</td>
<td>General Chemistry and Biochemistry w/Lab</td>
<td>4.5</td>
</tr>
<tr>
<td>SC2200*</td>
<td>Pharmacology for Vet. Technicians</td>
<td>4</td>
</tr>
<tr>
<td>SC3100*</td>
<td>Bacteriology/Parasitology</td>
<td>3</td>
</tr>
<tr>
<td>SC3110*</td>
<td>Bacteriology/Parasitology Lab</td>
<td>2</td>
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**Mathematics**
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<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>MA</td>
<td>Algebra Elective</td>
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**Humanities/Behavioral/Social Science**
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Humanities Elective</td>
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**General Education**
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<tr>
<th>Course</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>CS1500</td>
<td>Strategies for Success</td>
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<tr>
<td>CS2080</td>
<td>Career Management</td>
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**Computer Literacy**
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<tr>
<th>Course</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>Introduction to CIS</td>
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</table>

* Professional course (minimum "C" grade required and prerequisite minimum "C" grade required)

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Veterinary Technology Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)

Veterinary Assisting Diploma
Veterinary assistants are becoming more important as valued members of the veterinary healthcare team in today’s modern practices.

This is a one-year program that prepares students to support veterinary technicians and veterinarians in a veterinary practice. Duties performed by veterinary assistants include animal restraint, preparing animals for surgery, care of surgical instruments and other equipment, care and feeding of in-patients, processing radiographs, and front office procedures. Veterinary assistants are not trained to give injections, take blood samples, perform laboratory procedures, administer anesthetics, monitor patients during anesthesia, or assist in surgery.

Students choosing to advance their career may become veterinary technicians by completing the veterinary technology program in an additional two years.
Veterinary Assisting Diploma Requirements

53 Credits

Offered at Rapid City.

### Veterinary Assisting Major Core

(A minimum of 16 of the following 32 credits must be earned at NAU.)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>AH1150</td>
<td>Animal Technology Topics</td>
<td>4</td>
</tr>
<tr>
<td>AH1160-1180</td>
<td>Principles of Animal Care</td>
<td>0-1</td>
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<tr>
<td>AH1500</td>
<td>Introduction to Exotic Animals</td>
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<tr>
<td>AH1520</td>
<td>Introduction to Small Animal Nutrition</td>
<td>1</td>
</tr>
<tr>
<td>AH2230</td>
<td>Animal Restraint I</td>
<td>1</td>
</tr>
<tr>
<td>AH2320</td>
<td>Basic Clinical Procedures</td>
<td>3</td>
</tr>
<tr>
<td>AH2380</td>
<td>Surgical Preparation</td>
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</tr>
<tr>
<td>AH2700</td>
<td>Veterinary Office and Hospital Management</td>
<td>4</td>
</tr>
<tr>
<td>AH, AS or</td>
<td>Veterinary Assisting Electives</td>
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<tr>
<td>SO1800 or</td>
<td>Community Volunteer Practicum</td>
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<tr>
<td>CI2180</td>
<td>Veterinary Software Applications</td>
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<tr>
<td>ME1150</td>
<td>Medical Terminology</td>
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<td>SC1180</td>
<td>Basic Animal Anatomy</td>
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### General Education Core (21)

#### Communications

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<tbody>
<tr>
<td>EN1150</td>
<td>Composition I</td>
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**4.5**

#### Mathematics

<table>
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<tbody>
<tr>
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<td>Algebra Elective</td>
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**4.5**

#### Humanities/Behavioral/Social Science

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<th>Course Title</th>
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**4.5**

#### General Education

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<th>Course Title</th>
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<tbody>
<tr>
<td>CS2080</td>
<td>Career Management</td>
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**3**

#### Computer Literacy

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Introduction to CIS or CI Elective</td>
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</table>

**4.5**

Graduation Requirements: A minimum 2.0 GPA is required overall and in the Veterinary Assisting Major Core. See the "Graduation Requirements" section of the catalog for additional requirements.

(The university reserves the right to correct clerical errors.)
G U I D E  T O  C O U R S E  D E S C R I P T I O N S

A C  Accounting
A H  Animal Health
A S  Animal Science
A T  Athletic Training
C I  Information Technology
C J  Criminal Justice
C S  College Studies
E C  Economics
E N  English
E S  English Studies
F L  Foreign Language
F N  Finance
H A  Health Care
H I  History
H B  Health and Beauty
H U  Humanities
L A  Law
M A  Mathematics
M E  Medical
M G  Marketing
M S  Military Science
M T  Management
N S  Nursing
O F  Office
O L  Organizational Leadership
P E  Physical Education
P L  Paralegal
P S  Psychology
R X  Pharmacy
S C  Science
S O  Sociology
T H  Therapeutic Massage

A C C O U N T I N G  (A C)

A C 1 1 6 0  -  P r i n c i p l e s  o f  A c c o u n t i n g  I I  -  4 . 5  C r e d i t s
This course presents accounting principles and concepts applicable to receivables, plant assets and intangibles, liabilities, payroll, corporations and the Statement of Cash Flows. The students will also learn to analyze company performance using financial statements.
Prerequisite: AC1060
Delivery: on campus and online

A C 1 2 6 0  -  P r i n c i p l e s  o f  A c c o u n t i n g  I I I  -  4 . 5  C r e d i t s
This course introduces students to the fundamental concepts of management accounting. The focus is on the accounting tools that managers will find useful in today's business environment. Topics include job order and process costing, activity-based costing, cost-volume-profit analysis, short term business decisions, capital investment and the time value of money, in addition to the master budget and flexible budgets.
Prerequisite: AC1160
Delivery: on campus and online

A C 2 0 5 0 / C I 2 0 4 0  -  A c c o u n t i n g  S o f t w a r e  A p p l i c a t i o n s  -  4 . 5  C r e d i t s
This course provides experience in establishing and using computer-based accounting systems for service and merchandising businesses.
Prerequisite: AC1260/CI1150
Delivery: on campus and online

A C 2 7 6 0  -  A c c o u n t i n g  f o r  M a n a g e r s  -  4 . 5  C r e d i t s
This course is designed for the non-accounting major who needs a background in accounting from the viewpoint of management. The emphasis is on using accounting information to aid in managerial decision-making.
Delivery: on campus and online

A C 3 0 5 0  -  I n t e r m e d i a t e  A c c o u n t i n g  I  -  4 . 5  C r e d i t s
An in-depth study of accounting concepts, principles and processes is presented. Concepts learned in the principles courses are reviewed with emphasis on contemporary accounting theory.
Prerequisite: AC1160
Delivery: on campus and online

A C 3 1 0 0  -  I n t e r m e d i a t e  A c c o u n t i n g  I I  -  4 . 5  C r e d i t s
This is a continuation of AC3050 with concentration on accounting for non-current assets, long-term liabilities, and stockholders' equity.
Prerequisite: AC3050
Delivery: on campus and online

A C 3 1 5 0  -  I n t e r m e d i a t e  A c c o u n t i n g  I I I  -  4 . 5  C r e d i t s
Analytical techniques related to revenue recognition, interperiod tax allocation, pensions, leases, and accounting changes and errors are studied. Preparation of the statement of cash flows, basis financial statement analysis, and full disclosure are also emphasized.
Prerequisite: AC3100  
Delivery: on campus and online  

AC3200 - Cost Accounting - 4.5 Credits  
This course is the study of accounting concepts and procedures applicable to an enterprise engaged in manufacturing. Variable costing and absorption costing methods are compared and contrasted. Cost allocation, joint products and by-products, process costing, spoilage, and other procedures, which assist management in the decision-making process are studied. Quality control, transfer pricing, and non-financial performance measures are also introduced.  
Prerequisite: AC1260  
Delivery: on campus and online  

AC3300 - Advanced Cost Accounting - 4.5 Credits  
This course is a continuation of the study of accounting concepts and procedures applicable to an enterprise engaged in manufacturing. Variable costing and absorption costing methods are compared and contrasted. Cost allocation, joint products and by-products, process costing, spoilage, and other procedures which assist management in the decision-making process are studied. Quality control, transfer pricing, and non-financial performance measures are also introduced.  
Prerequisite: AC3200  
Delivery: on campus and online  

AC3400 - Federal Income Tax I - 4.5 Credits  
This course is the first in a series that studies federal income tax law and its application to individuals, corporations, partnerships and other special considerations. After a brief review of the history of taxation in the U.S., the objective of the federal income tax law, and administration of the tax law, this course focuses on the individual taxpayer. Case problems involve preparation of the individual tax return and supporting schedules.  
Prerequisite: AC1160  
Delivery: on campus and online  

AC3450 - Federal Income Tax II - 4.5 Credits  
This course is a continuation of the study of federal income tax law. It completes the study of federal tax and its application to individual taxpayers and then focuses on partnership, gift and estate tax considerations. Case studies involve preparation of tax returns.  
Prerequisite: AC3400/EN1300  
Delivery: on campus and online  

AC3560 - Accounting Information Systems - 4.5 Credits  
This course focuses on accounting information systems and their control aspects, including administrative, operational, and security controls. Students will explore the information system's role in allowing business entities to maintain their financial accounting records.  
Prerequisite: AC1260/CI1150  
Delivery: on campus and online  

AC4050 - Advanced Accounting I - 4.5 Credits  
Students in Advanced Accounting I will study how businesses account for investments, consolidations and mergers. Students will work through business combinations using a variety of accounting methods to include the purchase method, the equity method, and the partial equity method. Special consideration will be given to intra-entity transactions that affect the consolidation process.  
Prerequisite: AC3150  
Delivery: on campus and online  

AC4100 - Advanced Accounting II - 4.5 Credits  
The requirements for segment reporting and interim reporting are taught. Foreign currency translations and accounting for transactions in foreign currencies are covered, including consolidating international subsidiaries. The efforts toward international accounting standard harmonization and the effects of the Securities and Exchange Commission on the accounting profession are discussed. The accounting for corporate liquidations and reorganizations is also explained.  
Prerequisite: AC4050  
Delivery: on campus and online  

AC4140 - Advanced Accounting III - 4.5 Credits  
The course develops the concepts and procedures for partnerships; including initial formation, admission of new partners, retirement partners and partnership liquidation. The accounting for state and local governments and for private not-for-profit organizations are explained. The requirements for estates and trusts are also covered.  
Prerequisite: AC4100  
Delivery: on-ground and online  

AC4200 - Auditing I - 4.5 Credits  
This course is an introduction to a series of courses in auditing. It emphasizes the philosophy and environment of the auditing profession. Special attention is given to the nature and economic purpose of auditing, auditing standards, professional conduct, legal liability, audit evidence, audit planning, internal control considerations, audit sampling, audit working papers, and general records.  
Prerequisite: AC3150  
Delivery: on campus and online  

AC4250 - Auditing II - 4.5 Credits  
This course continues the study of the auditing profession. Particular attention is given to internal controls and obtaining evidence about the various financial statement accounts, the auditor's reporting responsibilities, and other attestation and accounting services. The course concludes with a discussion of internal compliance and operational auditing.  
Prerequisite: AC4200  
Delivery: on campus and online  

AC4290 - Accounting Case Analysis - 3 Credits  
This course provides a broad review of the accounting curriculum with an emphasis on solving real world accounting problems in preparation for entry into the accounting profession. Students will integrate knowledge and skills obtained in accounting program coursework through case study analysis, critical thinking and problem solving.  
Prerequisites: AC3150/AC3200/AC3450/AC4250/EN1300  
Delivery: on campus and online
AC4700-4740 - Accounting Internship - 4.5 Credits
The purpose of this internship is to give the student experience in applying what he or she has learned in the classroom by working in a business environment. The student's responsibility is agreed upon in advance by the student's advisor, the business entity and the student. Successful completion requires a written report by the student detailing the experience gained during the internship and successful completion of the projects assigned by the business supervisor(s). The student receives either a "pass" or "fail" grade.
Prerequisite: Advisor approval with senior status
Delivery: on campus

AC1900-4990 - Special Topics in Accounting - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

ANIMAL HEALTH (AH)

AH1150 - Animal Technology Topics - 4 Credits
This lecture and lab course introduces the student to the profession of veterinary medicine and the care and handling of small animals. Veterinary ethics, technician duties, and job opportunities will be covered as well as basic care of dogs and cats.
Delivery: on campus

AH1160 - Principles of Animal Care - 0 Credits

AH1170 - Principles of Animal Care - 0 Credits

AH1180 - Principles of Animal Care - 1 Credit
The intent of this course is to provide the student with a background in basic small animal care and sanitation. In addition, animal observation and handling are covered.
Delivery: on campus

AH1500 - Introduction To Exotic Animals - 1 Credit
This course is an introduction to exotic animals. Topics covered include information on pot-bellied pigs, birds, reptiles, ferrets, llamas and ratties. Additional subjects may be discussed if time permits.
Delivery: on campus

AH1520 - Introduction to Small Animal Nutrition - 1 Credit
The intent of this course is to introduce the student to basic nutrition of dogs and cats. Diets for various life stages as well as prescription diets will be covered.
Delivery: on campus

AH1800 - Clinical Experience - 1 Credit
This course is designed to familiarize the student with the everyday operations of a veterinary practice.
Prerequisite: AH1150
Delivery: on campus

AH2200 - Introduction to Equine Husbandry - 2 Credits
This course is designed to give students the opportunity to observe and participate in activities involved in the management of an equine operation.
Delivery: on campus

AH2230 - Animal Restraint I - 1 Credit
An introduction to the principles of restraint with emphasis on large animal restraint techniques.
Delivery: on campus

AH2240 - Animal Restraint II - 1 Credit
This course is a review of restraint of all species and an introduction to clinical applications. Large animals are emphasized.
Prerequisite: AH2230
Delivery: on campus

AH2300 - Clinical Pathology I - 2 Credits
This is a study of clinical diagnosis of animal diseases by the examination of body fluids. The course lecture deals with hematology and urinalysis.
Prerequisites: SC1240/SC1354
Delivery: on campus

AH2310 - Clinical Pathology I Lab - 2 Credits
This course emphasizes laboratory exercises using techniques learned in Clinical Pathology I.
Prerequisite: SC1354
Delivery: on campus

AH2320 - Basic Clinical Procedures - 3 Credits
The course is designed to cover basic pharmacy, laboratory and radiological techniques. The student will learn to assist the veterinary technician in dispensing medications, setting up lab tests, and processing radiographs.
Delivery: on campus

AH2350 - Bovine Reprodutive Management - 1 Credit
This course is designed to acquaint veterinary technicians with common problems in cattle reproduction, obstetrics, and neonatal care and their prevention or treatment. Semen collection and handling will also be covered.
Prerequisite: Instructor approval
Delivery: on campus

AH2380 - Surgical Preparation - 3 Credits
The course is designed to train students to assist veterinary technicians in preparing patients for surgery by clipping and performing the surgical scrub. Instrument identification and care, preparation of surgical packs, and monitoring patients after surgery is included.
Delivery: on campus

AH2400 - Clinical Pathology II - 2 Credits
This course is a continuation of the study of clinical diagnosis of animal diseases. The course lecture deals with clinical chemistry, cytology, semen analysis and serology.
Prerequisite: AH2300
Delivery: on campus
AH2410 - Clinical Pathology II Lab - 2 Credits
This course provides instruction in laboratory testing using body fluids to aid in diagnosis of animal diseases.
Prerequisite: AH2310
Delivery: on campus

AH2450 - Acupressure for Animals - 4 Credits
This course is designed to familiarize the student with various alternative healthcare modalities and to provide hands-on experience with acupressure techniques.
Delivery: on campus

AH2500 - Laboratory Animal Science - 1 Credit
This course is an introduction to laboratory animal science and technology. The student will learn breeds of laboratory animals including mice, rats, guinea pigs, hamsters, gerbils, rabbits and primates. Animal husbandry such as care, handling, reproduction and disease processes will be stressed. The student will also be exposed to legal requirements, anesthesia and common laboratory animal procedures.
Prerequisite: AH1150/SC1240 or SC1180
Delivery: on campus

AH2700 - Veterinary Office and Hospital Management - 4 Credits
This course deals with the successful personnel and financial management of a veterinary practice. Topics such as front-office procedures, bookkeeping, and inventory will be covered.
Prerequisite: AH1150
Delivery: on campus

AH2750 - Principals of Avian Care - 2 Credits
This course is an introduction to avian care. Topics covered include avian identification, avian behavior, proper handling and restraint techniques, basic nutrition and husbandry, avian diseases, common laboratory procedures, and basic treatment techniques.
Prerequisite: AH1500
Delivery: on campus

AH3000 - Small Animal Dentistry - 2 Credits
This course is intended to introduce the student to basic dental care of companion animals. Oral anatomy, dental prophylaxis including teeth cleaning and polishing, dental wellness and home care will be covered.
Delivery: on campus

AH3100 - Companion Animal Loss and Client Bereavement - 2 Credits
This course explores the human-companion animal bond and its effect on bereavement and the grief process. Also included are the effects of pet loss on the veterinary staff and management techniques used to help staff cope with these effects.
Delivery: on campus

AH3150 - Animal Clinic - 4 Credits
Basic principles relating to domestic animals, humane care, caging, housing, nutrition and husbandry practices will be covered. The student will also become familiar with tasks related to handling, care, treatment and usage of animals in a clinical situation or production unit.
Prerequisite: Instructor approval/EN1300
Delivery: on campus

AH3200 - Radiological Procedures - 3 Credits
This course explores the principles of radiology and radiological safety. Instruction in radiological techniques such as patient positioning, technique chart preparation, film exposure, and film processing are emphasized.
Prerequisite: SC1320
Delivery: on campus

AH3350 - Anesthesia for Veterinary Technicians - 2 Credits
This course is designed to prepare veterinary technician students for AH3400, Anesthesiology and Surgical Procedures. Principles of veterinary anesthesia will be covered. Patient preparation, pre-anesthetic protocols, general anesthesia and recovery, anesthetic equipment, and pain management will be included.
Prerequisite: Instructor approval
Delivery: on campus

AH3400 - Anesthesiology and Surgical Procedures - 4 Credits
This is a course designed to acquaint veterinary technicians with normal surgery room procedures, instrumentation, anesthesia, and monitoring.
Prerequisite: Instructor approval
Delivery: on campus

AH3700-3720 - Veterinary Technician Practicum (Externship) - 8-12 Credits
The student receives actual experience with selected veterinary clinics, hospitals and animal care facilities where work is performed under direct supervision of practicing veterinarians.
Prerequisite: Program Director approval/EN1300
Delivery: on campus

AH1900-3990 - Special Topics in Animal Health - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

ANIMAL SCIENCE (AS)

AS1250 - Introduction to Animal Science - 4 Credits
This course is an introduction to the husbandry of cattle, sheep, horses, swine and poultry, including breed identification, selection and breeding, animal products, basic management techniques, and practical nutrition. The student will become familiar with the terminology used in the livestock industry, thus preparing for future employment or further study. A laboratory consisting of basic livestock handling techniques, physical examination, and restraint of large animals is included. In addition, field trips to local farms, ranches, and other livestock facilities will be arranged.
Delivery: on campus
AS2070 - Horse Production - 4 Credits
This course is an introduction to the husbandry of horses, including breed identification, selection and breeding, basic management techniques, and nutrition.
Prerequisite: SC1240/SC1180
Delivery: on campus

AS2350 - Animal Diseases and Prevention I - 4 Credits
Concepts of disease control, prevention and treatment are studied in this course. In addition, specific diseases of small domestic animals are discussed.
Prerequisite: AS1250/SC1320/EN1300
Delivery: on campus

AS2360 - Animal Diseases and Prevention II - 1 Credit
This course is a continuation of Animal Diseases and Prevention I. Diseases of large animal species including horses, cattle, sheep and swine will be covered.
Prerequisite: AS2350
Delivery: on campus

AS2500 - Animal Reproduction - 4 Credits
This course is a review of functional anatomy of reproduction followed by detailed studies of the physiology of reproduction including endocrinology, reproductive life cycles, mammalian semen, gestation, prenatal physiology and parturition, reproductive failure, and techniques for improving reproductive efficiency.
Prerequisite: AS1250/SC1320
Delivery: on campus

AS2600 - Applied Animal Nutrition - 4 Credits
This course is an introduction to the basic principles of nutrition and feeding applicable to dogs, cats, horses and cattle.
Delivery: on campus

AS1900-3990 - Special Topics in Animal Science - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

ATHLETIC TRAINING (AT)

AT1050 - Essentials of Athletic Training - 3 Credits
This is an introductory course for those who intend to pursue athletic training as a career. The course will focus on foundations and observation. The theoretical aspect will introduce athletic training as a profession, outlining its history and the role of the National Athletic Trainers’ Association (NATA) as its parent organization. The students will also learn the basis of organization, care, prevention, evaluation, recognition, and rehabilitation of athletic injuries and illnesses.
Delivery: on campus

AT1100 - Taping and Bandaging Techniques - 3 Credits
This course is designed for those who wish to pursue athletic training as a career. This course will focus on a variety of taping and bandaging techniques necessary in the treatment of athletic injuries. A hands-on approach in this course will allow the students to demonstrate the different techniques.
Prerequisite: AT1050
Delivery: on campus

AT1210 - Sport Nutrition - 3 Credits
This course is designed to instruct student athletic trainers in the dietary needs of physically active individuals. Designing pre-game meals, weight loss plans, and weight gain plans will be incorporated into this course.
Prerequisite: EN1300
Delivery: on campus

AT2050 - Orthopedic Evaluation I - 4 Credits
This course concentrates on building strong skills in athletic injury evaluation, recognition and care. The student athletic trainer will be able to demonstrate accurate muscle and joint testing, and perform a history, palpation and range of motion exam for common lower extremity injuries. Providing knowledge to assess and care for lower extremity athletic injuries is the goal of this course.
Prerequisite: AT1050/AT1100/ME1340
Delivery: on campus

AT2051 - Orthopedic Evaluation I Lab - 1 Credit
This course focuses on the application of information learned in Orthopedic Evaluation I as it applies to the lower extremity. The athletic training student will demonstrate how to perform range of motion, muscle testing, and special tests on the lower extremity.
Prerequisite: AT1050/AT1100/ME1340
Delivery: on campus

AT2100 - Orthopedic Evaluation II - 4 Credits
Evaluation of the upper extremity is the goal in this course, concentrating on shoulder, elbow, hand, and wrist anatomy, injuries and assessment techniques. The student athletic trainer will be able to demonstrate accurate muscle and joint testing, and perform a history, observation, palpation and range of motion exam for common upper extremity injuries.
Prerequisite: AT2050
Delivery: on campus

AT2101 - Orthopedic Evaluation II Lab - 1 Credit
This course focuses on the application of information learned in Orthopedic Evaluation II as it applies to the upper extremity. The athletic training student will demonstrate how to perform range of motion, muscle testing, and special tests on the upper extremity.
Prerequisite: AT2050
Delivery: on campus

AT2150 - Orthopedic Evaluation III - 4 Credits
This course focuses on the evaluation of injuries to the head, face, spine and internal organs. The student athletic trainer will gain knowledge in assessing these specific structures for degree of severity, and gain insight towards complications that may arise along with proper referral methods.
Prerequisite: AT2100
Delivery: on campus
AT2151 - Orthopedic Evaluation III Lab - 1 Credit
This course focuses on the application of information learned in Orthopedic Evaluation III as it applies to the head, face and spine extremity. The athletic training student will demonstrate how to perform range of motion, muscle testing and special tests on the head, face and spine.
Prerequisite: AT2100
Delivery: on campus

AT2200 - Pathology of Injury/Illness - 3 Credits
The purpose of this course is to present the basics of pathology/physiology of injuries/illnesses found in athletic training.
Prerequisite: ME1340
Delivery: on campus

AT2230 - General Medical Conditions - 3 Credits
The purpose of this class is to present the basis of general medical conditions found in athletic training.
Prerequisite: AT2200
Delivery: on campus

AT2300 - Practicum I - 1 Credit
The purpose of this class is to provide a supervised experience in an athletic training environment. The athletic training student will be assigned a clinical experience where he or she will be given the opportunity to observe and integrate skills under the direct supervision of a certified athletic trainer in a variety of athletic settings.
Prerequisite: AT major/advisor approval
Delivery: on campus

AT2350 - Practicum II - 1 Credit
The purpose of this class is to provide a supervised experience in an athletic training environment. The athletic training student will be assigned a clinical experience where he or she will be given the opportunity to observe and integrate skills under the direct supervision of a certified athletic trainer in a variety of athletic settings.
Prerequisite: AT major/advisor approval
Delivery: on campus

AT2400 - Practicum III - 1 Credit
The purpose of this class is to provide a supervised experience in an athletic training environment. The athletic training student will be assigned a clinical experience where he or she will be given the opportunity to observe and integrate skills under the direct supervision of a certified athletic trainer in a variety of athletic settings.
Prerequisite: AT major/advisor approval
Delivery: on campus

AT2500 - Athletic Training Competency Review I - 2 Credits
This course will allow the student athletic trainer to demonstrate an appropriate level of skill related to each area taught in AT2150, AT2050, and AT2100 according to the requirements established by the National Athletic Trainers Association.
Prerequisite: AT2100
Delivery: on campus

AT3100 - Athletic Training Management - 3 Credits
The purpose of this course is to provide student athletic trainers with the organizational knowledge and skills needed to excel in the field of athletic training. Topics covered will include program management, human and financial resource management, facility design, information management, insurance issues, and legal considerations in sports medicine.
Prerequisite: EN1300/AT major
Delivery: on campus

AT3300 - Practicum IV - 1 Credit
The purpose of this class is to provide a supervised experience in an athletic training environment. The athletic training student will be assigned a clinical experience where he or she will be given the opportunity to observe and integrate skills under the direct supervision of a certified athletic trainer in a variety of athletic settings.
Prerequisite: AT major/advisor approval
Delivery: on campus

AT3350 - Practicum V - 1 Credit
The purpose of this class is to provide a supervised experience in a general medical athletic training setting and a medical clinic environment. The athletic training student will shadow and observe an orthopedic surgeon during clinic hours, and be given the opportunity to observe an orthopedic surgery.
Prerequisite: AT major/advisor approval
Delivery: on campus

AT3400 - Practicum VI - 1 Credit
The purpose of this class is to provide a supervised experience in an athletic training environment. The athletic training student will be assigned a clinical experience where he or she will be given the opportunity to observe and integrate skills under the direct supervision of a certified athletic trainer in a variety of athletic settings.
Prerequisite: AT major/advisor approval
Delivery: on campus

AT3500 - Athletic Training Competency Review II - 2 Credits
This course will allow the student athletic trainer to demonstrate an appropriate level of skill related to each area taught in AT2150, AT3100, SC3400 and SC3450 according to the requirements established by the National Athletic Trainers Association.
Prerequisites: AT2500
Delivery: on campus

AT3550 - Research in Athletic Training - 3 Credits
This course is designed to introduce students to the principles of scientific inquiry and research methods. Evaluation of published research and procedures for developing a research design are also emphasized. In addition students will gain a basic understanding of statistics.
Prerequisites: AT major
Delivery: on campus

AT3600 - Strength and Conditioning - 4 Credits
This course is designed to examine strength training techniques and program design. Emphasis is placed on proper
form and utilization of various workout designs to complement training goals. Students will gain experience in the theoretical and practical aspects of designing individual workout sessions, periodization, and programming to enhance progression. The course is also designed to assist the student in attaining the knowledge and skills necessary to sit for the National Strength and Conditioning Association's Certified Strength and Conditioning Specialist Exam. Prerequisites: SC3400/SC3450
Delivery: on campus

AT4050 - Therapeutic Exercise - 3 Credits
This course focuses on the principles and techniques in rehabilitation of athletic injuries and the role of rehabilitation in athletic training. This course is designed to develop the athletic training student's knowledge in designing rehabilitation programs for athletes in all sports and for a variety of injuries. Prerequisite: SC3400
Delivery: on campus

AT4100 - Therapeutic Modalities - 3 Credits
Therapeutic modalities are being used in the athletic training room and clinical settings in the management and treatment of injuries and conditions. The student athletic trainer must have a good working knowledge of the principles of modalities, and the role that each modality plays in the rehabilitation or treatment protocol. This course will discuss these modalities and the principles behind their theories of treating injuries and illness through the knowledge of electrophysics, biophysics, physiology and the body's response to specific agents. Prerequisite: SC3400
Delivery: on campus

AT4200 - Athletic Training Career Seminar - 3 Credits
Preparing for the future in the field of athletic training is the purpose of this course. Student athletic trainers will be instructed on post-graduate options and proper preparation needed for taking the National Athletic Trainers' Association Exam. Prerequisite: AT major, senior status
Delivery: on campus

AT4300 - Practicum VII - 1 Credit
The purpose of this class is to provide a supervised experience in an athletic training environment. The athletic training student will be assigned a clinical experience where he or she will be given the opportunity to observe and integrate skills under the direct supervision of a certified athletic trainer in a variety of athletic settings. Prerequisite: AT major/advisor approval
Delivery: on campus

AT4350 - Practicum VIII - 1 Credit
The purpose of this class is to provide a supervised experience in an athletic training environment. The athletic training student will be assigned a clinical experience where he or she will be given the opportunity to observe and integrate skills under the direct supervision of a certified athletic trainer in a variety of athletic settings. Prerequisite: AT major/advisor approval
Delivery: on campus

AT4500 - Athletic Training Competency Review III - 2 Credits
This course will allow the student athletic trainer to demonstrate an appropriate level of skill related to each area taught in AT4050, AT4100, and AT1210 according to the requirements established by the National Athletic Trainers Association. Prerequisites: AT3500
Delivery: on campus

INFORMATION TECHNOLOGY (CI)

CI1150 - Introduction to CIS - 4.5 Credits
This course provides the student with the necessary background for further study of information systems. Students will gain an understanding of computers, computer technology, computer hardware and software, and how computers can be used to produce meaningful information. Students are exposed to practical examples of the computer as a useful tool and they learn how to create documents, workbooks, presentations, e-mail and databases suitable for professional purposes and personal use. Prerequisite: CI1150
Delivery: on campus and online

CI1230/MT1230 - Spreadsheets For Windows - 4.5 Credits
Spreadsheets for Windows is a course that teaches students what a spreadsheet is and how it is used in business. Topics covered in the course include creating, editing and formatting worksheets and charts, integrating worksheet data with various programs, working with multiple worksheets, and importing data. This course will help the student prepare for the Microsoft Office 2003 Excel Expert MOS Exam. Prerequisite: CI1150
Delivery: on campus and online

CI1420 - Principles of Programming - 4.5 Credits
Principles of Programming is designed to be a first course in computer programming. Students will learn how to design and write programs that will be error-free, reliable and easy to modify and maintain. After completing the course, students will have a firm foundation in the concepts and techniques of structured program analysis and design, and will be able to use this knowledge to solve a wide variety of business problems. Prerequisite: Algebra elective/CI1150 or placement
Delivery: on campus and online

CI1500/MT1500 - Word Processing For Windows - 4.5 Credits
Word Processing for Windows teaches students how to create documents using a word processor. Topics covered in the course include creating styles, outlines, tables and table of contents, creating form letters and mailing labels, customizing toolbars and templates, and recording macros. Students also learn how to integrate a word processor with other programs and with the World Wide Web. C/A This course will help the student prepare for the Microsoft Office 2003 Word Expert MOS Exam. Prerequisite: CI1150
Delivery: on campus
CI2010/MT2010 - Database For Windows - 4.5 Credits
This course is designed to provide students with skills in developing database tables and relationships. Students will create databases, perform calculations and construct joins in queries, generate reports using select queries, and perform database maintenance functions. Techniques for advanced table design and enhanced form design in a Windows environment will be presented. This course will help the student prepare for the Microsoft Office 2003 Access Expert MOS Exam.
Prerequisite: CI1150
Delivery: on campus and online

CI2011 - Introduction to Database - 4.5 Credits
Students learn database design and Structured Query Language (SQL) commands to create databases and database objects, insert, update, delete and retrieve data. Techniques to develop logical database models are provided. The process to convert this logical database model into a physical database model and into an implementation model is determined.
Prerequisite: CI1150
Delivery: on campus and online

CI2020 - Visual Basic - 4.5 Credits
This course provides support for student learning related to Microsoft Visual Basic.NET. Students are introduced to the Visual Studio.NET Integrated Development Environment (IDE) used to create VB.net applications. Prior procedural programming methods are enhanced by developing object-oriented procedures to gather information from users, perform internal processing needed to apply application logic and then return a result to a form. Discussion topics include memory allocation methods, if else logic structures for decision making, for next and do until looping structures, segmenting logic with sub procedures and functions, and use of multiple forms to support application requirements.
Prerequisite: CI1420
Delivery: on campus and online

CI2040/AC2050 - Accounting Software Applications - 4.5 Credits
See AC2050

CI2080 - Multimedia Presentations - 2 Credits
Multimedia Presentations addresses a variety of communication media from plain text to pictures, audio, sound, and their presentation. Students will utilize current technology and equipment to present business topics in a professional manner.
Prerequisite: CI1150 recommended
Delivery: on campus

CI2180 - Veterinary Software Applications - 2 Credits
This course is designed to provide hands-on experience in veterinary software applications.
Prerequisite: CI1150 or dean/academic advisor approval
Delivery: on campus

CI2120D - Fundamentals of Server 2008 Network and Active Directory - 4.5 Credits
This course introduces the student to network infrastructure concepts and the configurations provided by Windows Server 2008, Active Directory server roles, and the components of Active Directory domain services. Students will learn how to manage access to shared resources.
Prerequisite: CI2430 and CI2211
Delivery: online

CI2211 - Internetworking Fundamentals - 4.5 Credits
Students will develop a foundation in current networking technologies including, local area networks (LANs), wide area networks (WANs), the Internet, and the hardware and software associated with networking. This also includes: terminology, components, design and connectivity, as well as, LAN topologies, protocols and wireless networks. This course also covers LAN user concepts, basic functions of system administration and operation, and basic concepts involved in establishing a small, routed computer network.
Prerequisite: CI1150 or placement recommendation
Delivery: on campus and online

CI2370 - Web Design and Programming - 4.5 Credits
This course develops basic competency in the HTML, XHTML and JavaScript programming concepts. This course will start out with an explanation of HTML and then guides the student into learning how to create web pages that actually respond to and interact with the web browser through JavaScript. They will learn how to write not only JavaScript that can stand on its own within a web page, but also how to write scripts that call functions or otherwise interact with applications written in other development languages.
Prerequisite: CI1150
Delivery: on campus and online

CI2430 - Computer Concepts - 4.5 Credits
This course is designed to provide students with foundations in PC hardware and software concepts. Topics include basic hardware and software installation, configuration and troubleshooting for standalone and networked PCs. Successful completion of this course helps prepare students to support personal computers.
Prerequisite: CI1150 or placement
Delivery: on campus and online

CI2440 - Introduction to Computer Security - 4.5 Credits
The purpose of the course is to provide the student with an overview of the field of Information Security and Assurance. Students will be exposed to the spectrum of security activities, methods, methodologies, and procedures. Coverage will include inspection and protection of information assets, detection of and reaction to threats to information assets, and examination of pre- and post-incident procedures, technical and managerial responses and an overview of the Information Security Planning and Staffing functions. This course provides the foundation for understanding the key issues associated with protecting information assets, determining the levels of protection and response to security incidents, and designing a consistent, reasonable information security system, with appropriate intrusion detection and reporting features.
Prerequisite: CI1150 or Placement
Delivery: on campus and online

CI3020 - Intermediate Visual Basic - 4.5 Credits
The student is introduced to programming in the Windows environment using Visual Basic.Net as a tool. Students will write business applications to illustrate the features of the language. Students will cover the Windows environment, events, objects, properties, methods, program design, logic design, data arrays, control arrays, data manipulation, subroutines, input/output, and data structures.
Prerequisite: CI1202/C13091
Delivery: on campus and online

CI3090 - Database Design and Query Concepts - 4.5 Credits
In this course, students will learn the whole process from installation and configuration to programming interfaces and database administration. Students will learn the basic methods of creating and managing databases and tables in MySQL. In addition they will also learn how to tune and troubleshoot to create most efficient MySQL applications.
Prerequisite: CI1420/C12011
Delivery: on campus and online

CI3091 - Database Design and Management - 4.5 Credits
Students learn advanced concepts of database design, access, and management including installation of a Relational Database Management System. Views, partitions, advanced queries, functions, stored procedures, transaction processing, data integrity techniques, and advanced modeling and design concepts are introduced.
Prerequisite: CI2011
Delivery: on campus and online

CI3155 - Computer Ethics - 4.5 Credits
Students will be exposed to extensive and topical coverage of computer and technology-related ethics issues such as file sharing, infringement of intellectual property, property risks, Internet crime, identity theft, employee surveillance, privacy, and compliance. Students will gain an excellent foundation in ethical decision-making for current and future business managers and IT professionals.
Prerequisite: CI1150 or placement recommendation/EN1300
Delivery: on campus and online

CI3310 - Web Site and Web Application Design - 4.5 Credits
In this course, students learn to design, create and publish web pages using an industry standard WYSIWYG tool. Web application designs will incorporate graphics, tables, forms, database, and multimedia that function not only as visual elements, but also as navigational and informational elements within the site. Macromedia Dreamweaver will be used.
Prerequisite: CI1150 or placement
Delivery: on campus and online

CI3380 - Client Side Scripting and Open Communication - 4.5 Credits
This course develops basic competency in the HTML, XHTML and JavaScript programming concepts. This course begins with an explanation of HTML and then guides the student into learning how to create Web pages that actually respond to and interact with the Web browser through JavaScript. Students learn how to write not only JavaScript that can stand on its own within a Web page, but also how to write scripts that call functions or otherwise interact with applications written in other development languages.
Prerequisite: CI2370
Delivery: on campus and online

CI3520 - Programming in C++ - 4.5 Credits
The student is introduced to programming fundamentals using C++, a powerful, highly efficient programming language that is the modern choice for creating system software. Students will write both business applications and systems programs to illustrate features of the language. Students will learn C/C++ data types, control structures, writing and using functions, arrays and subscript handling, pointers, string manipulation, and beginning Object Oriented (OO) concepts of class design and operator overloading.
Prerequisite: CI1420
Delivery: on campus

CI3670 - Supporting Microsoft Windows Vista - 4.5 Credits
This course is to provide individuals who are new to Windows Vista with the knowledge necessary to understand and identify the tasks involved in supporting Windows Vista networks. This course will help the students prepare for the following Microsoft Certified Professional exam: Exam 70-620; Installing, Configuring, and Administering Microsoft Windows Vista.
Prerequisite: CI1150 or placement recommendation
Delivery: on campus and online

CI3675D - Microsoft Windows 7 - 4.5 Credits
This course is to provide individuals with the knowledge necessary to understand and identify the tasks involved in deploying Windows 7 in a business. This course will help the students prepare for the following Microsoft Certified Professional exams: Exam 70-680 TS: Windows 7 configuring and exam 70-686 Pro: Windows 7, Enterprise Desktop Administrator.
Prerequisite: CI2430 and CI2211
Delivery: online

CI3680 - Java Programming - 4.5 Credits
In this course, students are introduced to the Java programming language. While originally known as a tool to develop applets for World Wide Web pages, it can be used as a general purpose programming language suitable for building a variety of applications. Java is an object-oriented language
much like C++, designed for maximum portability, and incorporates desirable features like automatic storage management, exception handling, and integrated support for multithreading.

Prerequisite: CI4120
Delivery: on campus

CI3820D - Designing an Applications Infrastructure Server - 2.5 Credits
Students will gain the knowledge and skills required to design application infrastructure solutions based on Windows Server 2008 that will meet varying business and technical requirements. The main focus is on web services and terminal services. This course will help the student prepare for the following MCITP exam; 70-647 Window Server 2008 Enterprise Administrator.
Prerequisite: CI4128D or CI4118
Delivery: online

CI4020 - Advanced Visual Basic - 4.5 Credits
This course continues with more advanced features of Visual Basic.Net. Topics include: common Windows controls, inheritance from intrinsic controls and other Windows namespaces, output using GDI, using graphics classes, components of an MDI application, connecting to SQL server and data manipulation with Transact-SQL, using XML classes to provide data to and from applications, delivery of data to and from applications in various networked environment configurations, and working with ASP.NET Web Services.
Prerequisite: CI3020
Delivery: on campus

CI4116D - Windows Server 2008 Hyper-V and Clustering - 4.5 Credits
This course provides students with the skills and knowledge necessary to implement and manage Windows Server 2008 Hyper-V and Clustering. The use of Solution Center Virtual Machine Manager and PowerShell are covered.
Prerequisite: CI4118
Delivery: online

CI4118 - Network Infrastructure Configuration - Server 2008 - 4.5 Credits
This course provides students with the skills and knowledge necessary to configure a Windows-based computer to operate in a Microsoft Windows Server 2008 networking infrastructure. It will provide students with the knowledge and skills to implement and manage a Microsoft Windows Server 2008 network infrastructure. These tasks include implementing routing; implementing and managing Dynamic Host Configuration Protocol (DHCP), Domain Name System (DNS); Windows Internet Name Service (WINS); securing Internet Protocol (IP) traffic with Internet Protocol security (IPSec); configuring a network access infrastructure by configuring the connections for remote access clients, and managing and monitoring network access. This course will help the student prepare for the following MCITP exam; 70-642 Window Server 2008 Network Infrastructure Configuration.
Prerequisite: CI2211
Delivery: on campus and online

CI4127D - Configuring Identity and Access Solutions - 2.5 Credits
This course provides students with the knowledge and skills needed to configure identity and access solutions with Windows Server 2008 Active Directory. It will provide students with the knowledge and skills to implement and manage Active Directory Certificate Services, Lightweight Directory services, Federation services, and Rights Management services. This course will help the student prepare for the following MCITP exam; 70-640 Configuring Windows Server 2008 Active Directory.
Prerequisite: CI4118
Delivery: online

CI4128D - Active Directory Domain Services Configuration - Server 2008 - 4.5 Credits
This course provides students with the knowledge and skills needed to configure Active Directory Domain Services in a distributed environment, implement Group Policies, perform backup and restore, and monitor and troubleshoot Active Directory related issues. This course will help the student prepare for the following MCITP exam; 70-640 Configuring Windows Server 2008 Active Directory.
Prerequisite: CI4118
Delivery: online

CI4138 - Active Directory Configuration - Server 2008 - 4.5 Credits
Students will develop the knowledge and skills needed to configure Active Directory Domain Services in a distributed environment, implement Group Policies, Certificate services, and Lightweight Directory services, perform backup and restore, and monitor and troubleshoot Active Directory related issues. This course will help the student prepare for the following MCITP exam; 70-640 Configuring Windows Server 2008 Active Directory.
Prerequisite: CI4118
Delivery: on campus and online

CI4148 - Administering Windows Server 2008 - 4.5 Credits
This course provides students with the knowledge and skills to plan, manage, and maintain Windows Server 2008 servers. Windows server administration tasks include managing the infrastructure, Web, and IT application servers as well as managing the server operating system, file, and directory services, software distribution, and troubleshooting. This course will help the student prepare for the following MCITP exam; 70-646 Window Server 2008 Server Administration.
Prerequisite: CI4138 or CI4127D & CI4128D
Delivery: on campus and online

CI4138 - Active Directory Configuration - Server 2008 - 4.5 Credits
This course provides students with the skills and knowledge necessary to configure identity and access solutions with Windows Server 2008 Active Directory and to plan Windows Server 2008 deployments and administration. This course helps prepare students for Microsoft certification exams 70-640 TS: Windows Server 2008 Active Directory and 70-646 Pro: Windows Server 2008 Server Administrator.
Prerequisite: CI4128D
Delivery: online

CI4158 - Application Infrastructure Configuration - Server 2008 - 4.5 Credits
This course will provide students with the knowledge and skills needed to install, configure, maintain, and troubleshoot an Internet Information Services (IIS) 7.0 Web Server and to configure, manage, monitor, and troubleshoot a Terminal Services (TS) environment. This course will help the student prepare for the following MCITP exam; 70-643 Configuring Window Server 2008 Applications Infrastructure.
Prerequisite: CI4118
Delivery: on campus and online

CI4167D - Designing a Network Infrastructure - Server 2008 - 4.5 Credits
Students will gain the knowledge and skills in this course to design a Windows Server 2008 Network infrastructure that meets business and technical requirements for network services. The focus will be on network solutions. This course will help the student prepare for the following MCITP exam; 70-647: Windows Server 2008, Enterprise Administrator.
Prerequisite: CI4138 or CI4127D and CI4128D
Delivery: online

CI4168 - Enterprise Administration Server 2008 - 4.5 Credits
Students will gain the knowledge and skills required to design network and application infrastructure solutions based on Windows Server 2008 that will meet varying business and technical requirements. This course will help the student prepare for the following MCITP exam; 70-647: Windows Server 2008 Enterprise Administrator.
Prerequisite: CI4138 or (CI4127D and CI4128D) and CI4158
Delivery: online

CI4178D - Designing a Network Infrastructure - Server 2008 - 4.5 Credits
Students will gain the knowledge and skills in this course to design a Windows Server 2008 Network infrastructure that meets business and technical requirements for network services. The focus will be on network solutions. This course will help the student prepare for the following MCITP exam; 70-647: Windows Server 2008, Enterprise Administrator.
Prerequisite: CI3820D
Delivery: online

CI4221 - Systems Analysis and Design - 4.5 Credits
This course covers the full process of information systems development. Students will learn the concepts, skills, methodologies, techniques and tools necessary for a systems analyst to successfully develop information systems. It includes the development of systems "blueprints" guided by the use of a Systems Development Life Cycle used for systems implementation. Topics of discussion include: in-house software development, programming languages and tools used to test software. The student will also learn techniques that will allow them to develop projects in a team environment.
Prerequisite: CI4220 and Junior Status
Delivery: on campus and online

CI4222 - Integrative Systems Project - 4.5 Credits
Students demonstrate the ability to integrate knowledge accumulated in prior course work from their discipline and develop new knowledge to produce a capstone product. Students apply their cumulative knowledge to produce a project management handbook in a multiple discipline environment as members of a project team. Specific outcomes are expected for analysis, evaluation and implementation processes for developing improvements during a case or live project. Formal written communications and/or multimedia presentations are provided to the stakeholders at scheduled milestones.
Prerequisite: CI4221 and Senior status
Delivery: on campus and online

CI4230 - Server-Side Scripting - 4.5 Credits
This course explores the server-side programming tasks needed to develop dynamic Web sites. The student will learn to design and implement the server-side components to create Web pages from databases based on user input. Students examine methods associated with building ASP.NET applications using Visual Studio.NET, Microsoft Internet Information Server (IIS) and Microsoft SQL Server.
Prerequisite: CI4120/CI2020/CI3090/CI3380
Delivery: on campus and online

CI4291D - Interconnecting Cisco Network Devices I - 4.5 Credits
This course focuses on providing the skills and knowledge necessary to install, operate, and troubleshoot a small branch office Enterprise network, including configuring a switch, a router, and connecting to a WAN and implementing network security.
Prerequisite: CI2211/CI2430
Delivery: online

CI4292D - Interconnecting Cisco Network Devices II - 4.5 Credits
This course focuses on skills and knowledge necessary to install, operate, and troubleshoot a small to medium-size branch office Enterprise network, including configuring several switches and routers, connecting to a WAN and implementing network security.
Prerequisite: CI4291D
Delivery: online
CI4293D - Interconnecting Cisco IP Routing - 4.5 Credits
This course is designed to provide students with the knowledge required to use advanced routing to accommodate scalability in Cisco routers connected to LANs and WANs in medium to large networks. This course helps to prepare the student for Cisco certification exam 642-902.
Prerequisite: CI4292D
Delivery: online

CI4294D - Implementing Cisco Switched Networks - 4.5 Credits
This course is designed to help students prepare to plan, configure, and verify the implementation of complex enterprise switching solutions using the Cisco Enterprise Campus Architecture. This course helps to prepare the student for Cisco certification exam 642-813.
Prerequisite: CI4293D
Delivery: online

CI4295D - Troubleshooting and Maintaining Cisco IP Networks - 4.5 Credits
This course is designed to prepare students to troubleshoot and maintain switching based and routing based solutions. Procedural and organizational aspects of the troubleshooting and maintenance process are covered. This course helps to prepare the student for Cisco certification exam 642-832.
Prerequisite: CI4294D
Delivery: online

CI4296D - Implementing Cisco IOS Network Security - 4.5 Credits
The focus of this class is on comprehensive security policies. Students perform tasks to secure the network 148 using Cisco IOS security features, web-based GUIs, and the command-line interface on Cisco routers and switches.
Prerequisite: CI4292D
Delivery: online

CI4800-CI4840 - Information Technology Internship - 4.5-13.5 Credits
The purpose of this internship is to give the student experience in applying what he or she has learned in the classroom by working in a business environment. The student's responsibility is agreed upon in advance by the student's advisor, the business entity, and the student. Successful completion requires a written report by the student detailing the experience gained during the internship and successful completion of the projects assigned by the business supervisor(s). The student receives either a "pass" or "fail" grade.
Prerequisite: Dean/academic advisor approval with senior status
Delivery: on campus

CI4910 - Research Topics in Systems Analysis - 1 Credit
This course is a supplement to CI4221 - Systems Analysis & Design. It provides students with the opportunity to research and analyze literature and issues relative to the primary course, and demonstrate additional comprehension of the topic.
Prerequisite: Must be taken in conjunction with CI4221
Delivery: on campus

CI1900-4990 - Special Topics in Information Technology - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on-campus

CRIMINAL JUSTICE (CJ)

CJ1000 - Introduction to Criminal Justice - 4.5 Credits
This course provides an overview of the criminal justice system, explaining the system structure of criminal justice and the specific functions of policing, courts, and corrections. Major topics in policing, courts and corrections are introduced.
Delivery: on campus and online

CJ1500 - Criminological Theory - 4.5 Credits
This course presents the historical development of the major theoretical schools of criminological explanations for crime and criminal behavior. The major assumptions, policies, and critiques of the classical and positivist theory schools are presented. New evolutions in crime and criminological theories are discussed.
Prerequisite: CJ1000
Delivery: on campus and online

CJ2100 - Criminal Law - 4.5 Credits
This course presents substantive criminal law which includes definitions of law, definitions of crime, general principles of criminal responsibility, elements of the major crimes, punishments, conditions or circumstances which may excuse individuals from criminal responsibility or mitigate punishment, the court system of the United States, and the basic concepts of criminal law.
Prerequisite: CI1500
Delivery: on campus and online

CJ2150 - Professionalism and Ethics in Criminal Justice - 4.5 Credits
This course introduces the practice of professional behavior and decision making for criminal justice practitioners. The major decision-making tools for dealing with the potential for coercion, the misuse of authority in criminal justice work and managing temptation are presented.
Prerequisite: CJ1500
Delivery: on campus and online

CJ2200 - Policing in U.S. Society - 4.5 Credits
This course presents the philosophy and history of law enforcement, the Constitutional controls imposed on law enforcement, the agencies and organizations of law enforcement and the role and function of law enforcement in the criminal justice process.
Prerequisite: CJ2150
Delivery: on campus and online

CJ2300 - U.S. Courts - 4.5 Credits
This course provides an overview of the court process from an organizational perspective. The roles of the prosecutor, judge, and defense attorney are presented from the concept of the courtroom workgroup dynamic and how court activity is
CJ1500 - Community and Institutional Corrections - 4.5 Credits
This course provides an overview of community and institutional corrections in the United States with an analysis and evaluation of contemporary correctional systems and discussion of recent research concerning institutional correctional issues and the issues facing community corrections.
Prerequisite: CJ1500
Delivery: on campus and online

CJ2100 - Victimology - 4.5 Credits
This course presents a survey of the literature, research and current trends concerning the victim of crime with emphasis placed on victim rights and compensation in the criminal justice process, the extent of victimization and the impact of victimization on the individual.
Prerequisite: CJ2100
Delivery: on campus and online

CJ2200 - Police Issues and Practices - 4.5 Credits
This course discusses contemporary issues in policing from a systems perspective. The practice of policing in a complex environment creates consequences for the community and the criminal justice system that must be addressed with analytical and appropriate solutions. Emphasis in this course is placed on those issues and the continuous evolving efforts to address the problems facing law enforcement.
Prerequisite: CJ2200
Delivery: on campus and online

CJ3000 - Criminal Investigation - 4.5 Credits
This course provides an explanation of scientific crime detection and the techniques for case management and documentation, the concept of proof, and the impact of evolving technology on the investigative process.
Prerequisite: CJ2100
Delivery: on campus and online

CJ3100 - Juvenile Justice and Delinquency - 4.5 Credits
This course presents the nature and extent of juvenile delinquency, the theories of juvenile offending and rehabilitation, an overview of the juvenile justice system and how it differs from the adult system, the history and unique philosophy of the juvenile court, juvenile court practices and procedures, and the relationship between juvenile offenders and policing and corrections.
Prerequisite: CJ2100
Delivery: on campus and online

CJ3200 - Drugs and Alcohol in Criminal Justice - 4.5 Credits
This course presents an overview of the description, classification, and analysis of the extent of the drug problem and the role of drugs in criminal behavior, as well as an overview of the most serious drug abuse problem, alcohol abuse, with an emphasis on the physiological and social aspects of alcohol use and abuse, social control measures and its role in criminal behavior.
Prerequisite: CJ2100
Delivery: on campus and online

CJ4000 - U.S. Corrections - 4.5 Credits
This course provides an overview of community and institutional corrections in the United States with an analysis and evaluation of contemporary correctional systems and discussion of recent research concerning institutional correctional issues and the issues facing community corrections.
Prerequisite: CJ1500
Delivery: on campus and online

CJ4500 - Homeland Security and Terrorism - 4.5 Credits
This course presents the various forms of terrorism and the explanations for terrorism from a theoretical and sociological perspective to be able to explain the causes of past, current and new forms of terrorist behavior. Operational responses to terrorism are discussed, with special emphasis on the role of Homeland Security.
Prerequisite: CJ2100/EN1300
Delivery: on campus and online

CJ4600 - Criminal Justice Administration - 4.5 Credits
This course provides an overview of the principles and practices of administration and their applications to policing, courts and corrections with an emphasis on the application of theoretical administrative concepts to practical criminal justice problems.
Prerequisite: CJ2100/EN1300
Delivery: on campus and online

CJ4700 - Applied Research Methods - 4.5 Credits
This course introduces the criminal justice student to the applied research activities of the criminal justice professional, including how to interpret criminal justice research, how to evaluate a criminal justice policy or program, and how to design an applied study for a criminal justice organization and for grant program evaluation.
Prerequisite: CJ2100/EN1300
Delivery: on campus and online

CJ4800-4820 - Criminal Justice Internship - 4.5-13.5 Credits
This course is a supervised work experience in an approved criminal justice or social agency setting completed during the senior year for the bachelor's degree and during the sophomore year for the associate degree. The experience is designed to provide the student with an opportunity to apply academic learning in professional situations. The work experience assignment must be approved by the department and the student must be assigned to a faculty supervisor.
Prerequisite: Sophomore Status for AAS/ Senior Status for BS
Delivery: on campus and online

CJ4900 - Criminal Justice Capstone - 4.5 Credits
This course is the final application and explanation course for the criminal justice degree. In this course students will focus upon: making a connection between course content, skills learned, and applied contexts; self reflection pertaining to their individual criminal justice college experience; and criminal justice employment issues. Emphasis will be placed on using theory and case studies to explain policy, the use of research results to inform and or evaluate policy, enhanced understanding of criminal justice operations, the use of professional decision making and leadership skill, and the enhancement of communications in criminal justice work.
Prerequisite: Senior Status and all CJ courses completed prior to enrollment
Delivery: on campus and online

CJ1900-4990 - Special Topics in Criminal Justice - 1-4.5 credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus and online

COLLEGE STUDIES (CS)

CS1500 - Strategies for Success - 4.5 Credits
This course is designed to enhance the university learning experience and prepare students for personal and professional success. Concepts presented include managing change, setting and achieving goals, and thinking in ways that create success. Time management, study skills, and library research are also discussed.
Delivery: on campus and online

CS1510 - Strategies for Success A - 2.5 Credits
This two-part course is designed to enhance the university learning experience and prepare students for personal and professional success. Concepts presented include managing change, setting and achieving goals and thinking in ways that create success. Time management, study skills and library research also are discussed.
Delivery: on campus

CS1520 - Strategies for Success B - 2 Credits
This course continues the study of topics that enhance the university learning experience and prepare students for personal and professional success. Concepts presented include managing change, setting and achieving goals, and thinking in ways that create success.
Delivery: on campus

CS2080 - Career Management - 3 Credits
This course prepares the student to manage his/her career through the job transitions that occur in the course of a lifetime. The course encourages students to maintain work/life balance, fostering positive feelings and values about work activities. It also helps graduating students secure professional employment. Students will prepare a resume and cover letter, learn interview techniques, develop a "skills" language, networking techniques, and the means to meet employer expectations.
Prerequisite: Academic advisor approval
Delivery: on campus and online

CS2081 - Career Management Seminar - 1.5 Credits
This course provides the graduating student with a review of the tools to master future personal and professional success. The course focuses on understanding the employment and economic environment and securing professional employment. Special emphasis will be placed on addressing personal finance concepts that include building a strong FICO score and establishing investments for long-term goals.

CS1900-2990 - Special Topics in Career Management - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus and online

ECONOMICS (EC)

EC2050 - Macroeconomics - 4.5 Credits
This is a study of how the entire economic system works. The course is centered around an examination of gross national product and examines fiscal and monetary policy, the budget and banking. It demonstrates the role each plays in stabilizing the economy.
Delivery: on campus and online

EC2100 - Microeconomics - 4.5 Credits
This course examines parts of the economic system. It is a study of supply and demand, competition, pricing policies, wage and rent determination, and government regulation of business.
Prerequisite: EC2050
Delivery: on campus and online

EC3100 - International Economics - 4.5 Credits
This course is a study of economics from an international perspective. After explaining how international economies differ, it explores the theory of international trade, examines forces that affect trade policies, and develops an understanding of the foreign exchange market.
Prerequisite: EC2050
Delivery: on campus and online

EC1900-4990 - Special Topics in Economics - 1-4.5 credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

ENGLISH (EN)

EN0500-0501 - Foundations of English - 0 Credits
This developmental course is designed to help students make the transition to essay writing in college composition courses. The course focus is on grammar and the correct form of paragraphs and essays. Using a combination of instructor-facilitated activities and a self-paced mastery program, students will work to improve their grammar skills and their ability to plan, draft, revise, and edit sentences, paragraphs and short essays.
Prerequisite: Placement Recommendation
Delivery: on campus and online

EN0505 - Foundations of English - 2 Credits
This developmental course is designed to help students make the transition to essay writing in college composition courses. The course focus is on grammar and the correct form of paragraphs and essays. Using a combination of instructor-facilitated activities and a self-paced mastery program,
students will work to improve their grammar skills and their ability to plan, draft, revise, and edit sentences, paragraphs and short essays (4 hours lab/week).
Prerequisite: EN0501
Delivery: on campus and online

EN1150 - Composition I - 4.5 Credits
This course is designed to help students gain confidence and proficiency in basic writing skills. Students are introduced to principles and strategies that will help them to write and revise clearly, concisely and coherently. Students write essays wherein organization and proper usage are stressed. Emphasis is also placed on introductory concepts of the research process. Prerequisite: Placement recommendation or successful completion of EN0500 or ES2030
Delivery: on campus and online

EN1300 - Composition II - 4.5 Credits
This course engages students in a continued exploration of the writing process. Students will learn how to locate research sources, utilizing electronic and print materials. Additionally, students will write and revise essays, business communications and a research paper. Emphasis is placed on expanding knowledge of the research process and improving the ability to evaluate and integrate various kinds of research in academic writing. Prerequisite: EN1150
Delivery: on campus and online

EN2050 - Introduction to Literature - 4.5 Credits
This course explores elements of poetry, drama, fiction and the essay to combine instruction in composition with an introduction to literature. Prerequisite: EN1150
Delivery: on campus

EN2100 - Speech - 4.5 Credits
This course is designed to improve skills in group discussion and extemporaneous speaking for practical application in personal, social and business situations. Techniques of audience analysis, listening behavior, and problem-solving are covered. Delivery: on campus

EN2150 - Interpersonal Professional Communication - 4.5 Credits
This course provides students with information and practice in professional communication skills. Students will write memos, develop and present information to the class, practice meeting facilitation skills, examine individual and group decision making, and practice dealing with conflict situations. Prerequisites: EN1150
Delivery: on campus and online

EN2500/PL2500 - Legal Writing - 4.5 Credits
See PL2500

EN3010 - Creative Writing - 4.5 Credits
This course explores the creative abilities of the student writer and will introduce and examine major forms of creative writing, including fiction, creative nonfiction and poetry. The student will study, read and write in each form with the objective of developing quality work that may lead to publication. Prerequisite: EN1150
Delivery: on campus

EN3040 - Mass Communication and Society - 4.5 Credits
Students will gain a better understanding of the interactions between mass communications and society. This course discusses how media content is processed and delivered to a variety of audiences. An emphasis is placed on business professionals and how they interact/function within each media setting. Prerequisite: EN1150
Delivery: on campus and online

EN3050 - Technical Communications - 4.5 Credits
This course allows learners to apply the principles of writing and presentations used in business and industry. Various research report formats and styles are emphasized. Through written reports, learners will evaluate the design of primary and secondary research instruments. Graphic displays which depict and support technical data will be emphasized. Professional publications, abstracts, instructions, and technical documentation are also covered. Prerequisite: EN1300
Delivery: on campus and online

EN3150/HL3500 - American West Fact and Fiction - 4.5 Credits
This course is an interdisciplinary study of the culture of the American West. Emphasis is placed on both the history of the region and on the images of that history as they are presented in literature and art. Prerequisite: EN1150
Delivery: on campus

EN3275 - Transcultural Literature - 4.5 Credits
This literature course explores the multicultural and global perspectives of ethnic and cultural groups by examining the writings of people of color. Transcultural literature is comprised of writings that characterize the racial, ethnic, and social diversity in the world. These diverse cultures include voices typically omitted from the traditional canon. This course offers the opportunity for students to learn about the range of experiences and possibilities in the world and move beyond resistance to engagement. This course engages students in a process of questioning, research, presentation and reflection. Prerequisite: EN1150 or EN1300
Delivery: on campus and online

EN3300 - Detective Fiction - 4.5 Credits
This humanities course is designed to examine the detective fiction literary genre. The student is exposed to a wide range of detectives and detective fiction writers. This course includes the use of text, tapes and films. Prerequisite: EN1150
Delivery: on campus
EN1900-4990 - Special Topics in English - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

ENGLISH STUDIES (ES)
ES1830 - Composition I and Lab - 5 Credits
Students at the advanced level further develop their skills with paragraph and essay organization. Students learn to use advanced grammatical structures in their written assignments. Students learn rhetorical forms and research methods necessary to successfully complete college-level writing tasks.
Prerequisite: placement recommendation
Delivery: on campus

ES2030 - Advanced Academic Communication - 4 Credits
The goal of this course is to prepare students for writing in an academic English course and for writing academic research papers.
Prerequisite: ES1830 or placement recommendation
Delivery: on campus

FOREIGN LANGUAGE (FL)
FL0710D - English Structure I - 4.5 Credits
In this course, English language learners will develop basic writing skills beginning at the sentence level and building to paragraphs. Learners will also continue to develop functional English language skills through grammar and vocabulary lessons relevant to the writing tasks of the course. This is the first in a four-course sequence of English courses designed to prepare learners for mainstream content courses in English.
Prerequisite: Placement recommendation
Delivery: online

FL0720D - English Structure II - 4.5 Credits
In this course, learners will further their writing skills by building from paragraphs to essays, with emphasis on writing as a process. Learners will continue to develop functional English language skills and build a general knowledge of U.S. culture through reading, listening and speaking tasks as well as grammar and vocabulary lessons. This is the second in a four-course sequence of English courses designed to prepare learners for mainstream content courses in English. A minimum of a "C" grade is required to progress.
Prerequisite: Placement or FL0710D
Delivery: online

FL1200 - First Year Spanish I - 4.5 Credits
This course is designed to give a general introduction to the Spanish language stressing listening and speaking skills. Cultural aspects of Spanish-speaking countries are also examined.
Delivery: on campus

FL1710D - English for Professional Communication - 4.5 Credits
In this course, learners will develop practical skills relevant to a professional work setting by reading, writing, speaking and listening for specific purposes. General grammar review, emphasis on writing as a process, and the acquisition of cross-cultural understanding and analysis continue in this course. Practical skills and topics include telephone and e-mail use for a professional setting, summarizing and reporting information heard or read, and vocabulary aimed at workplace themes. A minimum of a "C" grade is required to pass this course.
Prerequisite: Placement recommendation
Delivery: online

FL1720D - English for Business - 4.5 Credits
In this capstone FL course, language skill development is focused on business contexts. Learners will participate in reading, writing, speaking and listening activities for specific purposes related to business. Major assignments include developing a resume and cover letter, interviewing/being interviewed, reading and discussing articles related to business and culture, preparing a written report and delivering an oral presentation. A minimum of a "C" grade is required to pass this course.
Prerequisites: Placement or FL1710D
Delivery: online

FINANCE (FN)
FN3000 - Business Finance I - 4.5 Credits
This course is an examination of the role of financial management, analysis, forecasting, mathematics, working capital management, cash and marketable securities management, accounts receivable, inventory management, and short-term financing.
Prerequisite: AC1160 or AC2760/MA1500
Delivery: on campus and online

FN3010 - Business Finance II - 4.5 Credits
This course is an examination of capital budgeting under uncertainty, valuation and rates of return, cost of capital, term loans and leases, long-term debt, preferred and common stock, convertibles and warrants, mergers and acquisitions, failure, and reorganization.
Prerequisite: FN3000
Delivery: on campus and online

FN3050 - Investments and Portfolio Management - 4.5 Credits
This course is an introductory course in investing. A study of the environment of investing, basic concepts of the "what" and "why" of investing, descriptions of the various types of investments, and tax implications of investment are included.
Prerequisite: FN3010/MA3000
Delivery: on campus and online

FN3060 - Corporate Investment Decisions - 4.5 Credits
This course focuses on managing both current and fixed assets. Special emphasis is placed on managing working capital, making capital budgeting decisions, evaluating firm performance and positioning to achieve firm goals.
Prerequisite: FN3010
Delivery: on campus and online

FN3100 - Risk Management and Insurance - 4.5 Credits
This course introduces different types of insurance risks, insurance policy contracts, types and problems of insurers, social insurance and risk management. The approach is broad with an emphasis on the basic unity of insurance.
Prerequisite: MT2050
Delivery: on campus and online

FN3200 - Financial Statement Analysis - 4.5 Credits
This course is a study of financial statement accounting with emphasis on the reporting function. It is designed to develop critical thinking and problem solving skills in a financial statement environment. Additionally, the course is focused on the student's ability to analyze and interpret financial data.
Prerequisite: FN3000
Delivery: on campus and online

FN3600 - International Financial Management - 4.5 Credits
This course introduces the international financial environment. Particular attention is given to short-term asset and liability management, long-term asset and liability management, and international banking.
Prerequisite: MT3000/FN3010
Delivery: on campus and online

FN4055 - Financial Institutions and Markets - 4.5 Credits
This course is a study of how financial institutions and markets operate. Students will develop a conceptual framework for understanding how recent and current events impact the financial environment. Emphasis is placed on interest rate theory, money and capital market instruments, government regulation, and international market issues.
Prerequisite: FN3000
Delivery: on campus and online

FN4500 - Financial Case Analysis - 4.5 Credits
This is a case-oriented capstone course that requires students to apply various finance knowledge, skills and techniques to case study situations. Contemporary issues including cash management, resource allocation, risk management, capital structure, budgeting, and financial strategy will be covered. Students will also analyze the legal and ethical ramifications of the decisions they make.
Prerequisite: FN3010
Delivery: on campus and online

FN4800-FN4840 - Finance Internship - 4.5-13.5 Credits
The purpose of this internship is to give the student experience in applying what he or she has learned in the classroom by working in a business environment. The student's responsibility is agreed upon in advance by the student's advisor, the business entity and the student. Successful completion requires a written report by the student detailing the experience gained during the internship and successful completion of the projects assigned by the business supervisor(s). The student receives either a "pass" or "fail" grade.
Prerequisite: senior status with dean/academic advisor approval
Delivery: on campus and online

FN1900-4990 - Special Topics in Finance - 1-4.5 credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the academic dean
Delivery: on campus

HEALTH CARE (HA)

HA3010D - Introduction to U.S. Healthcare Delivery - 4 Credits
This course provides an introduction to healthcare delivery in the United States from a systems theory perspective. Topics of study include the types of professionals employed in healthcare, the institutions that provide services across the care continuum and the effects of internal and external environments on the healthcare delivery system. Developments in the evolution of health care in the U.S. and changes in the current healthcare environment will also be examined.
Delivery: online

HA3110D - Quality Improvement and Risk Management - 4 Credits
This course addresses methods used to measure and improve the efficiency and effectiveness of care delivery in healthcare institutions. Students will gain an understanding of the history and theory related to quality management and risk management in healthcare organizations and will apply methods for collecting and analyzing quality data.
Prerequisite: HA3010D/EN1300
Delivery: online

HA3120D - Essentials of Managed Care - 4 Credits
This course examines the systems and processes used in the U.S. to control healthcare access and cost in order to improve efficiency and productivity in service delivery. Topics addressed include types of managed care organizations, reimbursement models and utilization management in rural and urban settings.
Prerequisite: HA3010D
Delivery: online

HA3220D - Health Information Systems - 4 Credits
This course explores the use of health information in the delivery of health care with an emphasis on its creation, storage, manipulation, reporting and use in strategic decision making. The determination of information system needs, system implementation, system evaluation, and confidentiality/security will also be addressed.
Prerequisite: HA3010D/CI1150
Delivery: online

HA3300D - Healthcare Policy and Ethics - 4 Credits
This course is an introduction to ethics as it applies to healthcare management. The course will include an introduction to ethical theory and the relationship of those
theories to healthcare policy and to real world healthcare management.
Prerequisite: HA3010D/EN1300
Delivery: online

HA4050D - Healthcare Law - 4 Credits
This course examines legal principles and laws regulating health services activities. Healthcare topics include liability, negligence, malpractice, right of access to care, informed consent, and confidentiality. Legal aspects of human resources management in healthcare settings are also addressed.
Prerequisite: HA3010D/EN1300
Delivery: online

HA4070D - Regulatory Environment in Health Care - 4 Credits
This course emphasizes healthcare funding and reimbursement processes, and related compliance and regulatory mechanisms in healthcare organizations. Selected aspects of federal and state survey requirements are included.
Prerequisite: HA3010D/EN1300
Delivery: online

HA4110D - Healthcare Planning and Evaluation - 4 Credits
This course explores strategic planning and evaluation in healthcare organizations. Students will examine theories and practices from the perspectives of health care and business, and will apply what they have learned using case studies.
Prerequisite: HA3010D
Delivery: online

HA4120D - Management of Continuum Care Services - 4 Credits
This course examines the role, organization and management characteristics of healthcare programs and institutions that provide patient services other than acute care hospitalization, such as long-term care, outpatient care, home care, hospice and physician practice settings.
Prerequisite: HA3010D
Delivery: online

HA4200D - Healthcare Financial Management - 4 Credits
This course introduces concepts and techniques of financial decision-making for the healthcare managers. Topics covered include fiscal management and performance; cost, revenue and risk; fiscal planning and forecasting, budgeting, control, and reporting. Financial management in long-term care facilities, home health agencies, and hospitals is discussed.
Prerequisite: AC1160/HA3010D
Delivery: online

HA4300D - Healthcare Management and Supervision - 4 Credits
Students will apply the managerial functions of planning, organization, leading and controlling to the healthcare environment in this capstone course.
Prerequisite: Academic advisor approval and senior status/HA3010D
Delivery: online

HA4500D - Action Research Project - 4 Credits
This course for Option 2 Healthcare Management students combines experience working on a health services project, writing a senior-level thesis and presenting the project. Learners will demonstrate critical, analytical and interpretive skills in their project and thesis.
Prerequisite: Academic advisor approval and senior status/HA3010D
Delivery: online

HA4510D - Healthcare Internship - 4 Credits
The internship is designed for Option 1 Healthcare Management students to obtain managerial experience in an approved healthcare organization through the application of concepts and theories learned in the classroom. Successful completion requires a written report, detailing the experience gained during the internship and successful completion of the projects assigned by the healthcare supervisor(s).
Prerequisite: Academic advisor approval and senior status/HA3010D
Delivery: online

HA1900-4990 - Special Topics in Healthcare Management - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: online

HEALTH AND BEAUTY (HB)

HB2100 - Mastering Cosmetology Business - 6 Credits
This course is designed to add business skills to students' industry knowledge and experiences through studies in management, marketing, communication, and career management. Previous education and practical experiences will be integrated with knowledge and skills from the business field. Students will gain a fundamental knowledge of business development, operations, and management as it relates to the health and beauty industry.
Delivery: on campus and online

HISTORY (HI)

HI2050 - American History Since 1877 - 4.5 Credits
This course is designed to increase students' knowledge and understanding of how and why the United States came to be what it is today. The course seeks to instill in students the habits of historical thinking that will allow them to live more competent lives in their local communities and in the nation at large.
Delivery: on campus and online

HI2155/HU2150 – World Religions – 4.5 Credits
See HU2150

HI3500/EN3150 - American West Fact and Fiction - 4.5 Credits
See EN3150
HI1900-4990 - Special Topics in History - 1-4.5 credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

HEALTH INFORMATION TECHNOLOGY/HEALTH CARE CODING (HT)

HT1100D - Introduction to Health Information Management - 3 Credits
This course introduces the health information management profession and departmental functions related to filing and numbering methods, records management, retention and storage, and forms design. Various aspects related to health record documentation guidelines and standards will be explored, as well as the influence of accreditation and regulatory bodies. Health information processes and relationships among organizational departments and healthcare providers will also be addressed.
Delivery: online

HT2110D - International Classification of Diseases Coding I with Lab - 3 Credits
This course covers clinical vocabularies and classification systems, as well the principles and guidelines for using ICD-9-CM to code diagnoses and procedures. Students will gain an understanding of ICD as it is used in an inpatient setting and contribution to the severity of illness and case-mix analysis systems. Assignments and practical examples of patient records will provide practice in coding and sequencing of diagnoses. The applications of coding principles are also explored through the use of encoding software tools. (2 hours of lecture and 2 hours of lab per week)
Prerequisite: HT1100D, ME1150, ME2211, ME2510 (or co-requisite), and SC1221 or SC1222D
Delivery: online

HT2120D - International Classification of Diseases Coding II with Lab - 3 Credits
This course covers clinical vocabularies and classification systems, as well the principles and guidelines for using ICD-9-CM to code diagnoses and procedures. Students will gain an understanding of ICD as it is used in an inpatient setting and contribution to the severity of illness and case-mix analysis systems. Assignments and practical examples of patient records will provide practice in coding and sequencing of diagnoses. The applications of coding principles are also explored through the use of encoding software tools. (2 hours of lecture and 2 hours of lab per week)
Prerequisite: HT2110D and ME2520 (or co-requisite)
Delivery: online

HT2130D - Current Procedural Terminology Coding with Lab - 3 Credits
This course will expand on the knowledge of clinical classification systems through the use of Current Procedural Terminology (CPT) coding principles. Assignments and practical examples of patient records will provide practice in coding and sequencing of diagnoses. Exercises will allow students to also apply guidelines for Evaluation and Management (E/M) code and modifier assignment, in addition to the purpose and use of the Healthcare Common Procedure Coding System (HCPCS). The applications of coding principles are also explored through the use of encoding software tools. (2 hours of lecture and 2 hours of lab per week)
Prerequisites: HT2120D
Delivery: online

HT2210D - Healthcare Data Quality and Management - 4 Credits
This course will provide an overview of quality improvement methodologies and expand on the use of health information and data for utilization review, risk management, and organizational approaches to quality assessment activities. Methods, tools, technologies and processes for analyzing data are examined, to identify and prepare data for health-related purposes. Displays and reports to support quality improvement programs are explored.
Prerequisite: HT1100D and HA3220D
Delivery: online

HT2230D - Healthcare Reimbursement - 3 Credits
This course will provide an overview of the reimbursement and payment methodologies that apply to various healthcare settings, inclusive of the forms, processes, and practices of health information professionals. Topics related to insurance, third party, prospective payment and managed care capitation are also explored along with issues of policy, regulatory information technology and data exchange among providers.
Prerequisites: HT2130D (or co-requisite)
Delivery: online

HT2240D - Health Information Management and Supervision - 3 Credits
This course focuses on the principles of supervisory management in the health information environment and provides an overview of general management functions. Staffing, training, performance, and productivity procedures are explored, as well as work processes and policies and procedures design. The application of these functions will be explored in the inpatient, ambulatory, and physician office environments.
Prerequisite: HT2210D (or co-requisite) and HT2230D
Delivery: online

HT2300D - Healthcare Coding Practicum - 3 Credits
The practicum is designed to allow students to participate in a supervised setting to gain practice experience in a health information department or other approved practice setting or organization. Through the application of concepts and theories, student will demonstrate skills focused on application of coding skills and observation of supervisory and planning activities. Students will prepare a written report of their practical learning experience.
Delivery: online
Course Descriptions

HT2500D - Health Information Technology Practicum - 6 Credits
The practicum is designed to allow students to participate in a supervised setting to gain practice experience in a health information department or other approved practice setting or organization. Through the application of concepts and theories, student will demonstrate skills in record retrieval, data abstraction and analysis; record retention, release of information, and coding; and observation of supervisory and planning activities. Students will prepare a written report of their practical learning experience.
Prerequisite: Academic advisor approval and completion of, or current enrollment in all other courses in program.
Delivery: online

HT1900-2990 - Special Topics in Health Information Technology - 1-4.5 credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: online

HUMANITIES (HU)

HU1050 - Music Appreciation - 4.5 Credits
This course is an introduction to the study of music in a broad context of the humanities. By studying the development of music through the ages, the student will understand how the cultural and political environment affects the art of music. The development of various music styles, the elements of music, techniques and instruments are reviewed and related to our current musical heritage.
Delivery: on-ground

HU2000 - Critical Thinking and Problem Solving - 4.5 Credits
This course is designed to develop students' basic skills of logical reasoning relative to problem-solving and related argument analysis. Learning to provide evidence and well-reasoned support for asserted solutions and/or positions within frameworks of clarity, depth, precision, relevance, and fairness are central to the course.
Delivery: on campus and online

HU2050 - Introduction to Philosophy - 4.5 Credits
This course is designed to introduce the student to the philosophical writings of ancient medieval and modern philosophers. The student, through the writings of philosophers, discovers and develops his/her own personal philosophy.
Delivery: on campus

HU2100 - Introduction to Humanities - 4.5 Credits
This interdisciplinary course examines the many ways that human creativity manifests itself in the areas of the visual arts, literature, philosophy, history, music, architecture and technology. In this course, students will gain a broad understanding of Western cultural history.
Delivery: on campus and online

HU2150/HI2155 - World Religions - 4.5 Credits
This course explores the ways religion and its practice is relevant to human thought and behavior. A structure for organizing features common to most religious traditions makes learning easier and provides the student with a framework to identify similarities and differences between religions. Different teaching methods and techniques are used to make the student more aware of how religion shapes individual personalities, cultures, societies, and entire political systems. The course helps the student become better equipped to evaluate contemporary world events within a context of cooperation and the potentials for conflict among different religious traditions.
Prerequisite: EN1300
Delivery: on campus

HU2200 - Art Appreciation - 4.5 Credits
This course is designed to introduce the student to a study of art and its relation to the individual. The student will explore various art forms throughout the major periods of art. Outstanding artists and their major contributions are included. Emphasis is placed on elements of art, drawing techniques, painting, digital art, photography, sculpture, ceramics, and architecture.
Delivery: on campus

HU2400 - Introduction to Film Studies - 4.5 Credits
Through the use of selected films, the student is introduced to the technical and theoretical aspects of film making. The course encourages critical analysis of films in order to enrich future viewing experiences.
Delivery: on campus

HU1900-4990 - Special Topics in the Humanities - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

LAW (LA)

LA3100 - Business Law - 4.5 Credits
This course introduces students to fundamental legal principles affecting business in the United States, including the sources and classifications of laws in the U.S. Students learn to recognize and apply basic legal concepts relating to contracts, torts, and product liability; explore various forms of business organizations common in the United States; and gain a fundamental understanding of select legal topics critical to operating a business, including real property, personal property, agency and employment, credit and secured transactions, bankruptcy and decedent's estates.
Delivery: on campus and online

LA3200 - International Law - 4.5 Credits
This course provides the student with the tools for understanding the principles underlying the legal environment of global business. It identifies the current legal rules and regulations affecting businesses and examines new
developments and trends that will affect future transactions. Ethical implications and dilemmas are presented throughout the course.
Prerequisite: LA3100/MT3000
Delivery: on campus and online

LA1900-4990 - Special Topics in Law - 1-4.5 credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

MATHEMATICS (MA)

MA0900-0901 - Foundations of Mathematics I - 0 Credits
This developmental course is designed to help students make the transition from arithmetic to college-level algebra and encourage success in college mathematics courses. Students will work in a self-paced mastery program designed to improve their basic mathematics and introductory algebra skills. Study topics may include whole numbers, decimals, fractions, proportions, percentages, signed numbers, real numbers and algebraic expressions, linear equations and inequalities, and polynomials.
Prerequisite: Placement Recommendation
Delivery: on campus and online

MA0905 - Foundations of Mathematics - 2 Credits
This developmental course is designed to help students make the transition from arithmetic to college-level algebra and encourage success in college mathematics courses. Students will work in a self-paced mastery program designed to improve their basic mathematics and introductory algebra skills. Study topics will include whole numbers, decimals, fractions, proportions, percentages, signed numbers, real numbers and algebraic expressions, linear equations and inequalities, and polynomials. (4 hours lab/week)
Prerequisite: MA0901
Delivery: on campus and online

MA1500 - Intermediate Algebra - 4.5 Credits
This course builds on introductory algebra concepts and also includes topics such as: utilizing formulas to solve word problems, solving compound inequalities, finding solutions to a system, reducing rational expressions, and solving related equations. The course concludes with a brief introduction to functions.
Prerequisite: Placement recommendation or MA0900
Delivery: on-campus and online

MA2050 - College Algebra - 4.5 Credits
This course is an in-depth study of the traditional topics of college algebra. These topics include solving linear and quadratic equations and inequalities, graphs of equations and inequalities, operations involving polynomials and rational expressions, exponents, radicals, and an introduction to exponential and logarithmic functions.
Prerequisite: MA1500 or placement recommendation
Delivery: on campus and online

MA3000 - Business Statistics - 4.5 Credits
This course is applications-oriented with a business and economics emphasis. Topics studied include presentation and interpretation of numerical data, measure of central tendency, dispersion, probability, continuous and discrete probability distributions, and linear regression.
Prerequisite: MA2050 or placement recommendation
Delivery: on campus and online

MA1900-4990 - Special Topics in Mathematics - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

MEDICAL (ME)

ME1100 - Introduction to Medical Assisting - 4 Credits
This course gives the student an introduction to the profession of medical assisting, its scope of practice, and career opportunities available for the medical assistant. In addition, an orientation to the healthcare environment, receptionist duties, telephone techniques, appointment scheduling, and office maintenance are emphasized.
Delivery: on campus

ME1150 - Medical Terminology - 4 Credits
This course is intended specifically for students who will be required to have a working knowledge of medical vocabulary as it is related to medical records and reports, laboratory findings, and general communication in healthcare settings.
Delivery: on campus and online

ME1181D - Medical Staff Services Management I - 4 Credits
This course will discuss the role of the medical staff services professional in various healthcare settings. Medical staff management topics will be addressed, including major accrediting bodies, state laws and regulatory organizations, credentialing, recredentialing and privileging.
Delivery: online

ME1240 - First Aid and Safety - 1 Credit
This course is designed to introduce the student to basic first aid and safety measures, cardiopulmonary resuscitation (CPR) of adults, children and infants, and automated external defibrillation (AED). Upon successful completion of this course, students will receive certifications from the American Heart Association in Basic Life Support for Healthcare Providers (CPR & AED), and Heartsavers® First Aid.
Delivery: on campus

ME1340 - Professional Rescuer - 3 Credits
This course is designed to allow students to obtain the knowledge which will enable them to take immediate action for injuries or sudden illnesses until more advanced medical personnel arrive. Upon successful completion of this course, students will receive certification from the American Red Cross in CPR for the Professional Rescuer, First Aid and Automated External Defibrillation (AED).
Deliver on campus

ME1750 - Medical Transcription - 4 Credits
This course introduces the student to the use of word processing and transcribing equipment in order to produce a variety of medical reports. Medical and English language skills, report formats, and medical references are emphasized.
Prerequisite: CI1500/ME1150
Delivery: on campus

ME2130 - Clinical Science Lab I - 2 Credits
This course, part one of a three-part laboratory course, provides an introduction to the duties and responsibilities within the clinical area of a medical office, including theory and practice in equipment and supplies control. Emphasis will be toward medical asepsis, preparation and maintenance of exam rooms, vital sign assessment, and assisting with routine examinations.
Prerequisite: SC1221
Delivery: on campus

ME2140 - Clinical Science Lab II - 2 Credits
This course is a continuation of the medical assistant's duties and responsibilities in the clinical area of the medical office. The following clinical duties are presented and performed: continuation of aseptic techniques, instrument identification, and sterilization, and assisting the physician with minor procedures.
Prerequisite: ME2130
Delivery: on campus

ME2150 - Clinical Science Lab III - 2 Credits
This course is a continuation of the medical assistant's duties and responsibilities in the clinical area of the medical office. The following clinical duties are presented and performed: radiology, medication administration, and electrocardiography.
Prerequisite: ME2140
Delivery: on campus

ME2182D - Medical Staff Services Management II - 4 Credits
This course will provide a general knowledge of the medical staff organization, role of the physician executive, medical staff bylaws and related documents. Students participating in this course will be provided topics in medical staff law, the medical staff's role in quality improvement, and practitioner's health and behavior issues.
Prerequisite: ME1181D
Delivery: online

ME2183D - Medical Staff Services Management III - 4 Credits
This course will provide in-depth knowledge of managing a medical staff services department to include the coordination of medical staff meetings and the creation of medical staff services related communications. Through analysis and discussion, students will learn and apply project management planning and process. Students will also explore the use of technology in managing confidential information and will develop a plan for public relations and marketing from a cross-functional team approach.
Prerequisite: ME2182D
Delivery: online

ME2211 - Human Pharmacology - 4 Credits
This course introduces the allied health student to the study of drugs and drug therapy. Emphasis is placed on identifying drug actions, drug names, routes of administration, and adverse effects.
Prerequisite: SC1221
Delivery: on campus

ME2250 - Medical Law and Ethics - 4 Credits
This course emphasizes legal principles, procedures, and regulations which affect the control, use, and release of health information, including HIPAA.
Prerequisite: ME1100 or HT1100D/EN1300
Delivery: on campus

ME2260 - Medical Records Management - 4 Credits
This course is designed to introduce the student to standard and electronic medical record systems and management. The medical record will be viewed from various aspects including the medical record release, standard information included in a medical record, medical record formats, types of filing systems, procedure to make corrections to a medical record, medical records storage, along with procedures for inactive record storage.
Prerequisite: ME1100/CI1150
Delivery: on campus

ME2400 - Laboratory Techniques I - 3 Credits
This course introduces the student to the use and care of the microscope. In addition, routine clinical chemistry, urinalysis and bacteriological procedures are covered.
Prerequisite: SC1221
Delivery: on campus

ME2410 - Laboratory Techniques II - 3 Credits
This course is a continuation of ME2400. Routine hematology and serological procedures are covered.
Prerequisite: ME2400
Delivery: on campus

ME2510 - Essentials of Pathophysiology I - 3 Credits
This course provides a study of human diseases for the allied health student. Course content emphasizes the description, etiology, signs/symptoms, diagnostic procedures, and treatment for specified diseases.
Prerequisite: ME1150/SC1221
Delivery: on campus and online

ME2520 - Essentials of Pathophysiology II - 3 Credits
This course continues the study of human diseases for the allied health student. Course content emphasizes the description, etiology, signs/symptoms, diagnostic, procedures and treatment for specified diseases.
Prerequisite: ME2510
Delivery: on campus and online
ME2530 - Pathology for Massage Therapists - 4 Credits
This course provides the study of human disease for the massage therapy student. Course content includes disease awareness and treatment for specified diseases with the use of therapeutic massage.
Prerequisites: ME1150/SC1221

ME2600 - Healthcare Coding I - 3 Credits
The focus of this course is learning the basic coding rules for ICD-9-CM, CPT and Level II (HCPCS) coding systems and then applying the rules to code patient diagnosis and services, and completing insurance claim forms. The medical topics of Medicare fraud/abuse, Centers for Medicare and Medicaid regulations, HMO's, LMRP's and PRO's are also reviewed.
Prerequisites: ME1150/SC1221
Delivery: on campus

ME2610 - Healthcare Coding II - 3 Credits
This course continues with more advanced practical experience in insurance billing and coding. Students will abstract proper information from the patient record to the insurance form, code diagnoses, code physician services to complete an insurance claim, make entries on the patient's ledger card, and follow up on unpaid claims. Special attention will be given to proper use of modifiers and third-party reimbursement issues.
Prerequisite: ME2600
Delivery: on campus

ME2620 - Medical Office Procedures with Software Applications - 4 Credits
This course is designed to provide allied health students with practical application skills and knowledge in medical office administrative duties in manual and computerized methods. The following areas of medical office management are emphasized: communication skills, administrative responsibilities and procedures, medical practice finances, insurance and third party reimbursement.
Prerequisite: CI1500/ME1100
Delivery: on campus

ME3000 - Medical Assisting Exam Review - 3 Credits
This course is designed to provide the medical assisting student with a comprehensive review of content, skills, and behaviors in the administrative and clinical duties performed in an ambulatory setting. Emphasis is in preparing students for their externship and certification exam.
Prerequisite: Instructor approval
Delivery: on campus

ME3310 - Medical Assisting Externship - 6 Credits
The medical assisting externship is designed to allow the student to obtain practical experience in a physician's office. Administrative, clinical and laboratory procedures within the scope of the student's training are addressed.
Prerequisite: Program coordinator approval
Delivery: on campus

ME3330D - Medical Staff Services Management Externship - 4 Credits
The medical staff services management externship is designed to allow students to obtain practical experience in a credentialing verification setting. The externship provides the student an opportunity to apply the principles and practices of credentialing and medical staff services management in a supervised setting at an approved site.
Prerequisite: Program Coordinator Approval
Delivery: online

ME1900-2990 - Special Topics in Allied Health - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

MARKETING (MG)

MG1050 - Principles of Marketing - 4.5 Credits
Principles of Marketing is an introductory course to the field of marketing. The student will learn the components of the marketing system and the marketing decision-making process which revolves around the marketing mix (product, price, place and promotion). Additional topics include consumerism, the legal environment, consumer behavior, and the international market, and their effect on marketing.
Delivery: on campus and online

MG2050 - Principles of Advertising - 4.5 Credits
The student is exposed to the concepts, strategies, and planning associated with advertising and the effects of advertising in the marketing concept. Emphasis is placed at the small business and retail level.
Prerequisite: MG1050
Delivery: on campus and online

MG2100 - Principles of Selling - 4.5 Credits
This course analyzes various selling methods, techniques and applications of selling to various marketing segments. The student demonstrates various sales techniques and presents a complete sales presentation as well as prepares several mini sales presentations.
Prerequisite: MG1050
Delivery: on campus and online

MG2200 - Principles of Retailing - 4.5 Credits
This is an introductory course designed to familiarize the student with the study of retail institutions, site selection, product selection, promotional strategies, pricing strategies, inventory control, and problems in retail management.
Prerequisite: MG1050
Delivery: on campus

MG2300 - Principles of Marketing Management - 4.5 Credits
This course explores marketing concepts as they relate to the marketing manager's decision-making process. Topics discussed include the strategic planning process, marketing research procedures, market segmentation, defining the marketing mix, consumer behavior, organizational buying,
advertising and promotion, distribution, pricing and the globalization of marketing.
Prerequisite: MG1050
Delivery: on campus and online

MG3150 - Sales Management - 4.5 Credits
Emphasis of this course is in the areas of sales force management, organizing, staffing and training of a sales force, directing sales force operations, sales planning, and evaluating sales performance. Learning is enhanced with interactive lecture, group discussions and mini-case analysis.
Prerequisite: MG2100
Delivery: on campus

MG3300 - International Marketing - 4.5 Credits
This advanced marketing course allows the student to understand environmental and cultural aspects required to successfully enter into global marketing.
Prerequisite: MG1050/MT3000
Delivery: on campus and online

MG3310/PS3300 - Customer Service Relations – 4.5 credits
See PS3300
Delivery: on campus

MG3500/PS3500 - Consumer Behavior - 4.5 Credits
This course informs the student of how the interaction of feeling, knowledge, behavior and environmental events influence people and organizations in the conduct of their business transactions.
Prerequisite: MG1050
Delivery: on campus and online

MG4080 - Direct Marketing - 4.5 Credits
This course is intended to fit direct marketing into the overall marketing program and place it in context with the firm's marketing mix. Special emphasis is placed on direct mail, mail order and telemarketing.
Prerequisite: MG1050
Delivery: on campus and online

MG4100 - Marketing Cases - 4.5 Credits
This is an advanced course in marketing management. It develops analysis and problem-solving skills by requiring the student to thoroughly analyze real marketing problems and propose viable solutions and recommendations.
Prerequisite: Senior status/MG3050
Delivery: on campus

MG4150 - Marketing Research - 4.5 Credits
This course is an introduction to the purpose and nature of problem identification and definition, information collection and analysis, and application of research for management decision making. Case problems and individual student projects are featured.
Prerequisite: Senior status/MA3000/MG1050/EN1300
Delivery: on campus and online

MG4500-4540 - Marketing Internship - 4.5 Credits
The purpose of this internship is to give the student experience in applying what he or she has learned in the classroom by working in a business environment. The student's responsibility is agreed upon in advance by the student's advisor, the business entity, and the student. Successful completion requires a written report by the student detailing the experience gained during the internship and successful completion of the projects assigned by the business supervisor(s). The student receives either a "pass" or "fail" grade.
Prerequisite: Dean/academic advisor approval with senior status
Delivery: on campus

MG1900-4990 - Special Topics in Marketing - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

MILITARY SCIENCE (MS)

MS2210 - ROTC Basic Camp - 4 Credits
Basic Camp offers the student who did not take ROTC courses during his/her first two years of school the opportunity to enroll in ROTC at the start of the junior year. Basic Camp is a six-week training period in which the student undergoes basic military training within a regular Army environment. Instruction consists of both classroom activities and practical exercises along with considerable field training. The student is closely supervised and carefully evaluated by military officers.
Delivery: on campus

MS3210 - ROTC Advanced Camp - 4 Credits
In this course the contracted ROTC advanced course cadet will attend a six-week intensified military training phase at Fort Lewis, Washington, which provides both classroom and practical experience in the difficult military and leadership skills required of a commissioned officer. This course is held in the summer quarter.
Delivery: on campus

MS3910 - Survey of American Military History - 4.5 Credits
This course is a survey of military history with the military institutions, technology and techniques, from 1763 to the present. The course will study the interrelationships of warfare, technology and society in American history. The course will focus on such items as the changes in techniques in warfare, the make-up of military establishments, and the introduction of technology into military warfare. It will also view the political and societal changes that have influenced the nature of warfare in America.
Delivery: on campus

MANAGEMENT (MT)

MT1230/C11230 - Spreadsheets for Windows - 4.5 Credits
See C11230

MT1500/C11500 - Word Processing for Windows - 4.5 Credits
See C11550
MT2010/CI2010 - Database for Windows - 4.5 Credits
See CI2010

MT2050 - Principles of Management - 4.5 Credits
This course introduces students to the field of management and emphasizes the knowledge and skills used by successful managers. Throughout the course, students will demonstrate specific knowledge and skills in the areas of management, history, decision-making, communication, planning, organizing, staffing, directing, controlling, and business ethics. Delivery: on campus and online

MT2100/TH2100 - Mastering Therapeutic Business - 5 Credits
See TH2100

MT3000 - International Business - 4.5 Credits
This course covers the scope of international business and the dimensions of multi-national enterprises. The student studies exporting and marketing in foreign business environments. Prerequisite: MT2050 or MG1050/EN1300 Delivery: on campus and online

MT3050 - Human Resource Management - 4.5 Credits
Human resource managers, their duties and responsibilities, are the core of this course. Beginning with recruitment of personnel, the personnel process is discussed, including training, evaluation of employees, wage and salary administration, and some basics of labor law. Conflict management and discipline programs are also included in the course work. Prerequisite: MT2050/EN1300 Delivery: on campus and online

MT3080 - Compensation and Benefits - 4.5 Credits
This course is designed to guide the student through an in-depth study of compensation and benefit programs within business organizations. From strategy to implementation, students will examine the issues surrounding compensation and benefits from the standpoint of currently approved policies, objectives and techniques. Topics include treatment of pay models, external competitiveness policy, and linking organizational strategy to compensation and performance management. Prerequisite: MT3050 Delivery: on campus and online

MT3100 - Employee and Labor Relations - 4.5 Credits
This course has been designed to aid students who desire a deeper understanding of union-management relations. The course focuses on negotiation and administration of labor agreements with emphasis on the development and application of the more significant bargaining issues. The transaction between two organizations - management and the labor union - are also discussed. Prerequisite: MT2050 Delivery: on campus and online

MT3200 - International Management - 4.5 Credits
This course builds on the fundamentals introduced in International Business. Topics explored include the process of internationalizing business, the scope of international trade, and exporting and managing parent-subsidiary relations. Importing in the global market, licensing, joint ventures, organization structure for global operations, and government intervention are also discussed. Prerequisite: MT2050/MT3000 Delivery: on campus and online

MT3230/PL3230 - Employment Law - 4.5 Credits
This course introduces students to laws and regulations that impact directly on employers and managers, including the Fair Labor Standards Act, Title VII of the Civil Rights Act of 1964, the Employee Retirement Income Security Act, and workers’ compensation. As part of their course work, students examine workplace issues such as affirmative action, sexual harassment and various discrimination topics. Critical analysis of employment issues will be conducted to assist students in understanding the legal framework in which management decisions are made. Prerequisite: LA3100/MT2050 Delivery: on campus and online

MT3250/PS3250 - Organizational Behavior - 4.5 Credits
This course investigates the behavior of people within organizations for the purpose of applying such knowledge toward improving an organization’s effectiveness. Three levels of behavior are studied: individual, individuals within a group, and inter-group behavior within organizations. Prerequisites: MT2050/EN1300 Delivery: on campus and online

MT3300 - Supervision - 4.5 Credits
This course focuses on the art of empowering and developing people. It provides a thorough review of the supervisory management functions of planning, organizing, leading and controlling while addressing such contemporary issues as the quest for quality, team building, coaching, group dynamics, facilitation skills, and managing human resources and diversity. Prerequisite: MT2050 Delivery: on campus and online

MT3450/SO3450 - International Relations - 4.5 Credits
This course addresses selected topics in the field of international relations. Students will analyze important historical events, the nature of power politics, tools of foreign policy, international trade dimensions, along with current issues and ethical considerations implicit in the field. Through a guided examination and reflection of such topics, students will become better informed citizens in a world that is becoming ever more globalized. Prerequisite: MT2050/MT3000 Delivery: on campus and online

MT3470/PL3470 - Bankruptcy - 4.5 Credits
See PL3470

MT3500/C13510 - Managing Information Systems - 4.5 Credits
Information systems (IS) have become powerful and indispensable tools of modern business. This course presents fundamental principles of IS from a business management
Course Descriptions

MT4250 - Entrepreneurship - 4.5 Credits
Entrepreneurship is at the backbone of America. It is, and has been, an integral part in the making of our nation. It is a driving force for economic and social growth both in our nation and throughout the world. This course combines theoretical, scenario-based, and real-world application to expose the student to concepts, principles, and skills that are crucial to building and running a successful business.
Prerequisite: MT2050
Delivery: on campus and online

MT4300 - Management Across Cultures - 4.5 Credits
This course provides students with a sense of the diversity of cultures and business practices throughout the world. The course enables students to focus on dynamic management issues in both foreign and diverse domestic environments. Major topic areas include international business management, cross-cultural communication, negotiation and decision-making skills, ethics and social responsibility, strategy formulation and implementation, global organizational skills, and staffing and training for global operations.
Prerequisite: MT3250/EN1300
Delivery: on campus and online

MT4420 - Strategic Human Resource Management - 4.5 Credits
This course provides a comprehensive review and integration of human resource management topics from a strategic perspective. Students will study the structure and conceptual model for strategic human resource practice and the implementation of human resource programs and policies using strategic approaches in order to attract, maintain and develop an effective workforce.
Prerequisite: MT3080/MT3100/MT3230/MT4050/MT4300
Delivery: on campus and online

MT4440 - Business Management Review - 3 Credits
This course provides a comprehensive review of business-related topics to include management, marketing, business ethics and social responsibility, accounting, economics, business law, finance, business analysis, and international issues. A comprehensive examination over these topics will constitute a significant portion of the student's final course grade. The course is to be taken in the senior year and prior to MT4450 Strategic Management.
Prerequisite: AC1160, EC2100, FN3000, LA3100, MA3000, MG1050, MT2050, MT4200
Delivery: on campus and online

MT4450 - Strategic Management - 4.5 Credits
This course provides practical training for the senior-level business student to develop an understanding and knowledge of strategic management as a tool for long-term business success. The course will develop skills in analyzing the various functions and contributions of the organization's
component parts, and how they may be used in making strategic decisions. Students will create strategy by means of written case analyses.
Prerequisite: Senior status/MT4440
Delivery: on campus and online

MT4500-4540 - Management Internship - 4.5-13.5 Credits
The purpose of this internship is to give the student experience in applying what he or she has learned in the classroom by working in a business environment. The student's responsibility is agreed upon in advance by the student's advisor, the business entity, and the student. Successful completion requires a written report by the student detailing the experience gained during the internship, and successful completion of the projects assigned by the business supervisor(s). The student receives either a "pass" or "fail" grade.
Prerequisite: Advisor approval with senior status
Delivery: on campus

MT4501 - Human Resource Management Internship - 4.5 Credits
The human resource management internship is designed to allow students to obtain experience in an approved human resource management setting through the application of concepts and theories learned in the classroom. Successful completion requires a written report, detailing the experience gained during the internship, and successful completion of the projects assigned by the internship supervisor.
Prerequisite: MT4420/ may be taken concurrently with MT4420
Delivery: on campus and online

MT4505 - Human Resource Management Action Research Project - 4.5 Credits
The course combines experience working on a human resources management project, writing a senior-level thesis, and presenting the project. Learners will demonstrate critical, analytical and interpretive skills in their project and thesis.
Prerequisite: MT4420
Delivery: on campus and online

MT1900-4990 - Special Topics in Management - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

MT4230/CI4220 - Project Management - 4.5 Credits
See CI4220

NURSING (NS)

NS1010 - Introduction to Professional Nursing - 2 Credits
This course is designed to introduce role understanding and socialization into professional nursing practice. Beginning with a brief historical overview of nursing, nursing is defined in its past, present and future roles. A review of educational paths in nursing leads the student into an exploration of the multiple roles, responsibilities and requisite skills of the nurse today and in the future. An introduction to nursing process, nursing informatics, culturally congruent care, health promotion, disease prevention, and health restoration concepts are presented. Nursing theory, legalities and ethics are introduced. The scope of practice of the professional nurse, evidence based practice, as well as standards of professional practice will be explored.
Prerequisite: EN1150, MA1500 or MA2050, SC1232, SC1332, SC1422
Delivery: on campus

NS1020 - Health Assessment - 2 Credits
This course introduces the associate degree nursing student to the principles and psychomotor skills necessary to provide holistic and culturally congruent health and physical assessments for clients across the lifespan, with the focus on adults and older adults, in a variety of community and acute care settings. Health promotion and maintenance principles are incorporated throughout this course. Emphasis is placed on use of the nursing process, critical thinking skills and psychosocial and cultural care in collecting and documenting the health and physical assessment data for clients. Students are provided faculty-guided theory and laboratory experiences as well as faculty-supervised open laboratory time in order to develop competence and confidence in the performance of health and physical assessments. (Theory - 10 hours; Lab - 20 hours)
Prerequisite: EN1150, MA1500 or MA2050, SC1232, SC1332, SC1422
Delivery: on campus

NS1030 - Foundations of Nursing Practice - 8 Credits
This course introduces the Associate Degree nursing student to the principles and psychomotor skills necessary to provide holistic and culturally congruent nursing care for clients across the lifespan, with the focus on adults and older adults, in a variety of community and acute-care settings. Health promotion and maintenance principles are incorporated throughout this course. Emphasis is placed on use of the nursing process, critical thinking skills, and psychosocial and cultural care in providing client care. Students are provided faculty-guided theory and laboratory experiences as well as faculty-supervised open laboratory time in order to develop competence and confidence in the performance of nursing skills. (Theory - 60 hours; Lab - 40 hours)
Prerequisite: SC1201, SC1370, NS1010, NS1020
Delivery: on campus

NS1031 - Foundations of Nursing Practice Clinical - 2 Credits
This course provides the associate degree nursing student an introduction to an actual healthcare environment and the opportunity to implement the principles and psychomotor skills learned in previous and concurrent courses. Health promotion and maintenance principles are an integral component of nursing care. The learner has the opportunity to provide holistic and culturally congruent nursing care for adults and older adults in a long-term care setting. Emphasis is placed on the application of nursing skills including the nursing process, psychosocial and culturally congruent client
relationships, clinical judgment, communication and documentation, health and physical assessment, and basic and advanced nursing procedures. Students are provided faculty-guided and supervised clinical experiences in order to develop competence and confidence in the providing direct client care. This course must be taken concurrently with NS1030. (Clinical - 60 hours)

Prerequisite: SC1201, SC1370, NS1010, NS1020

Delivery: on campus

NS1040 - Pharmacology I - 4 Credits
Introduces the associate degree nursing student to the concepts and techniques of dosage calculation and medication administration by a variety of techniques. Students will apply critical thinking skills to the calculation and administration of medications. Through use of the nursing process, students are introduced to the basic concepts of pharmacology related to actions, therapeutic and adverse effects and interactions of drugs/herbs. The course covers basic pharmacology of commonly used medications using a body systems approach with emphasis placed on therapeutic interventions and client education to clients across the lifespan. Emphasis will be placed on the importance of communication to the safe and competent administration of pharmacological agents. (Theory - 30 hours; Lab - 20 hours)

Prerequisite: SC1201, SC1370, NS1010, NS1020

Delivery: on campus

NS1050 - Adult Health Needs I - 4 Credits
This course will focus on the role of the professional nurse in application of the nursing process to meet the holistic healthcare needs of clients throughout the adult and older adult years. Emphasis is placed on nursing and pharmacological interventions in the care of clients with acute and chronic health conditions across the health illness continuum in acute and long-term care settings. The course focuses on the concepts of pain management, fluid and electrolyte balance, perioperative care, care of the client with cancer, death and dying, infection and inflammation and shock syndromes. Disorders of the musculoskeletal, integumentary, respiratory and reproductive systems are presented. Health promotion, health maintenance and illness prevention concepts will be linked with caring and cultural congruent care. (Theory - 30 hours; Lab - 20 hours)

Prerequisite: NS1030, NS1031, NS1040

Delivery: on campus

NS1051 - Adult Health Needs I Clinical - 5 Credits
This course provides the associate degree nursing student with the opportunity to incorporate medical/surgical nursing concepts and care in a healthcare environment, and the opportunity to implement the principles and psychomotor skills learned in previous and concurrent courses. Health promotion and maintenance principles are an integral component of nursing care. The learner will provide holistic and culturally congruent nursing care for adults and older adults in acute and subacute care settings. Emphasis is placed on the competent application of nursing care and skills for medically/surgically complex clients utilizing and implementing the nursing process, psychosocial and culturally congruent client relationships, clinical judgment, communication and documentation, health and physical assessment, and advanced nursing procedures. Students are provided faculty-guided and supervised clinical experiences in order to develop competence and confidence in the providing direct client care. This course must be taken concurrently with NS1050. (Clinical - 150 hours)

Prerequisite: NS1030, NS1031, NS1040

Delivery: on campus

NS1100 - Basic Skills and Concepts of Nursing with Clinical - 8 Credits
This course focuses on the basic history and theoretical framework for selected nursing skills and the development of the student's psychomotor ability in performing those skills. Emphasis is placed on students learning the basic skills necessary to implement the nursing process, medical safety (asepsis) and infection control in meeting the needs of patients. Medical laws and ethics affecting the role of nursing will be discussed. Concurrent clinical experience is offered in skills lab, inpatient units of acute hospitals, long-term care facilities and community settings.

Prerequisite: Acceptance into the practical nursing clinical core.

Delivery: on campus

NS1105 - Pharmacology for Nurses - 4 Credits
Provides an opportunity to explore the general principles of drug action, pharmacology of the major drug classes and specific agents within each class. Teaches principles of medication administration, which includes dosage calculations, major drug classifications, drug legislation, legal aspects of medication administration and drug action on specific body systems.

Prerequisite: MA1500 or MA2050

Delivery: on campus

NS1111 - Nursing I: Adult-Common Health Needs with Clinical - 8 Credits
This course focuses on the theoretical basis for selected nursing skills and the nursing process in meeting the health needs of adults across their aging lifespan. Instruction will focus on assessment of nursing needs and nursing care of these individuals with commonly occurring medical/surgical health needs. Basics of pharmacology and drug calculation will be presented. Clinical experience is offered in the skills lab, inpatient units of acute hospitals, long-term facilities and community settings. (4 hours of lecture per week/12 hours of clinical/lab per week)

Prerequisite: NS1100

Delivery: on campus

NS1122 - Nursing II: Mental Health and Gerontology with Clinical - 6 Credits
This course focuses on providing care to individuals and families who are experiencing psychosocial challenges. Emphasis is placed on the importance of establishing and maintaining therapeutic nurse/client relationships based on the use of communication skills and the problem-solving process. Instruction of pharmacotherapeutics and how they differ in age groups and psychopharmacologic therapy are presented.
Concepts of management and supervision will be discussed. The clinical component encompasses a range of mental health services in a variety of environments including Alzheimer/Dementia units in long-term care facilities. Prerequisite: NS1111, EN1150
Delivery: on campus

NS1133 - Nursing II: Reproductive System and Pediatrics with Clinical - 6 Credits
This course focuses on combining previously learned nursing skills in providing care to the reproductive and pediatric patients. Emphasis on communication while teaching the patients and families about health needs of the reproductive and pediatric patients. Pharmacotherapeutics and how they differ in these age groups will be presented. Clinical experience will be at acute-care hospitals and other community settings (3 hours theory/9 hours clinical). Prerequisite: NS1122
Delivery: on campus

NS2011 - Maternal/Child Nursing - 6 Credits
This course focuses on the role of the professional nurse in meeting the holistic health needs of the childbearing family. The nursing process is utilized to identify and meet the needs of the childbearing family and to provide family-centered psychosocial and culturally sensitive care. An overview of pediatric nursing with emphasis on the well-child and care of the hospitalized child is included. Concepts of pharmacology specific to the pediatric and maternity client will be presented. (Theory - 60 hours) Prerequisite: SO1050 or PS1050, NS2031, NS2032
Delivery: on campus

NS2012 - Maternal/Child Nursing Clinical - 3 Credits
This course provides the associate degree nursing student with the opportunity to incorporate maternal/newborn and pediatric nursing care concepts in various healthcare environments. It affords the student an opportunity to implement the principles and psychomotor skills learned in the previous and concurrent courses. Health promotion and maintenance principles are an integral component of nursing care. The student will provide holistic, culturally congruent nursing care to the childbearing family. Emphasis is placed on the competent application of nursing care skills and principles to the childbearing family as the client, utilizing and implementing the nursing process. Communication, clinical judgment, therapeutic client relationships, documentation and health and physical assessment will be coupled with advanced nursing procedures. Students are provided faculty-guided and supervised clinical experiences in maternal, newborn and pediatric setting in order to develop competence and confidence in providing care to the childbearing family. This course must be taken concurrently with NS2011. (Clinical - 90 hours) Prerequisite: SO1050 or PS1050, NS2031, NS2032
Delivery: on campus

NS2021 - Mental Health Needs of Clients and Families - 3 Credits
This course introduces mental health concepts, selected common psychiatric disorders, treatment modalities and related nursing care of clients and their families. Students will use communication and caring through the application of the therapeutic relationship in caring for and treating clients and families with common clinical conditions and disorders. Students will utilize the nursing process to assess and plan for the culturally sensitive care of clients and families. The professional nursing student will develop a teaching plan for a single psychoactive medication during the course, and gain knowledge of common psychoactive medications use in the treatment of clients. (Theory - 30 hours) Prerequisite: EN1150, SO1050 or PS1050, NS2031, NS2032
Delivery: on campus

NS2022 - Mental Health Needs of Clients and Families Clinical - 2 Credits
This course provides the associate degree nursing student with the opportunity to develop interpersonal skills for caring for clients, across the lifespan, who may be encountering difficulties in the perceptual or behavioral spheres. Students will develop culturally sensitive care plans using nursing process to meet the needs of the mental health client and the family. The professional nursing student will develop a teaching plan around client diagnosis or treatment and share with the client using therapeutic communication. The student will be able to assess the client and the environment for safety issues which may impair the provision of a therapeutic milieu. The student will integrate nursing care that considers dignity, worth, uniqueness and the rights of individual clients and families. Students are provided faculty-guided and supervised clinical experiences in order to develop competence and confidence in the providing direct client care. This course must be taken concurrently with NS2021. (Clinical - 60 hours) Prerequisite: SO1050 or PS1050, NS2031, NS2032
Delivery: on campus

NS2031 - Adult Health Needs II - 4 Credits
This course focuses on the role of the professional nurse in applying the nursing process to meet the holistic health needs of clients throughout the adult and older adult years. Emphasis is placed on nursing and pharmacological interventions in the care of client’s with acute and chronic health conditions across the health-illness continuum in acute care settings. Disorders of the neurological, cardiovascular, blood, lymphatic, immune, endocrine, gastrointestinal, renal and urinary systems and the special senses are presented. Health promotion, health maintenance and illness prevention concepts will be linked with caring and cultural congruence. (Theory - 30 hours; Lab - 20 hours) Prerequisites: PS2000, NS1050, NS1051
Delivery: on campus

NS2032 - Adult Health Needs II Clinical - 7 Credits
This course provides the associate degree nursing student with the opportunity to incorporate advanced medical/surgical nursing concepts and care in a healthcare environment for complex and potentially medically unstable adult and older adult clients. The student will implement the principles and psychomotor skills learned in previous and concurrent courses, and manage health promotion and maintenance for assigned clients. The learner will provide holistic and culturally congruent nursing care with emphasis on the discriminating
management of nursing care, implementation of the nursing process, psychosocial and culturally congruent client relationships, clinical judgment, communication and documentation, health and physical assessment, and advanced nursing procedures in acute and subacute care settings. Students are provided faculty-guided and supervised clinical experiences in order to develop competence and confidence in providing direct client care. This course must be taken concurrently with NS2031. (Clinical - 210 hours)
Prerequisites: PS2000, NS1050, NS1051
Delivery: on campus

NS2040 - Pharmacology II - 1 Credit
This course is designed to be a lab experience allowing the student to demonstrate assessment, clinical judgment, and integration of knowledge to care for clients with complex disease management and pharmacological interventions. The course is designed to be a lab experience utilizing human simulation to provide complex physiological and pharmacological scenarios. Emphasis is placed on accurate assessment of data, selected pharmacological interventions, outcomes evaluation and documentation. (Lab - 20 hours)
Prerequisite: NS2011, NS2012, NS2021, NS2022
Delivery: on campus

NS2130 - Nursing and Diseases - 6 Credits
This course integrates anatomy, physiology and biochemistry into a framework for studying diseases and alterations in body functions of individuals through the lifespan. Emphasis is placed on clinical correlations and physiological basis for common conditions related to functional health patterns. Principles of disease transmission and immunological responses are integrated. Must be taken concurrently with NS2140.
Prerequisite: SC1232, SC1332
Delivery: on campus

NS2140 - Nursing IV: Adult Complex Health Care Needs with Clinical - 6 Credits
Along with the role transition from LPN to RN, emphasis is placed on the differences in the scopes of practice, the nursing process and critical thinking. Focuses on the nursing process and clinical judgment as applied to the role of the professional nurse in caring of adult patients experiencing complex alterations in the health/illness/death continuum. The nursing process is used to promote the adaptive capabilities of patients experiencing physiological disruptions requiring medical/surgical interventions. Mental health nursing concepts are used in providing holistic nursing care for the mentally ill. Developing competency in initiating and managing parenteral therapies is included. To enhance experiential learning, skills lab practice is utilized, and clinical components encompass a variety of environments and community settings. Must be taken concurrently with NS2130. (3 hours didactic and 3 hours clinical per week)
Prerequisite: NS1133, EN1150
Delivery: on campus

NS2150 - Nursing V: Critical Care, ER, Surgery with Clinical - 6 Credits
This course focuses on complex conditions in specialty areas of critical care, emergency room and the operating room/recovery. Emphasis is placed on the nursing process, physical assessment, medication and IV administration. Ethical and legal issues are explored. Clinical components encompass specialty areas in various community settings. (3 didactic and 3 clinical)
Prerequisite: NS2140
Delivery: on campus

NS2160 - Nursing VI: Maternity and Pediatric, Community Health with Clinical - 6 Credits
This course focuses on the role of the professional nurse in meeting the holistic health needs of the childbearing family. The nursing process is utilized to identify and meet the needs of the childbearing family and to provide family-centered psychosocial and culturally sensitive care. An overview of pediatric nursing with emphasis on the well-child and care of the hospitalized child is included. Concepts of pharmacology specific to the pediatric and maternity client will be presented. Communication, clinical judgment, therapeutic client relationships, documentation and health and physical assessment will be coupled with advanced nursing procedures. (3 hours didactic and 3 hours clinical per week)
Prerequisite: NS2150, EN1150
Delivery: on campus

NS2170 - Dimensions of Nursing - 6 Credits
This course focuses on the concepts, principles and identification of leadership/management skills in providing direct nursing care for groups of clients, continuity of care, clinical judgment, appropriate delegation of tasks and collaboration with the multidisciplinary team. Trends and issues (organizational, educational, research, political, social, economical, legal and ethical aspects) affecting the role of the professional nurse is explored. Clinical components encompass a variety of environments and community settings.
Prerequisite: NS2160
Delivery: on campus

NS3011 - Complex Adult Health Needs - 5 Credits
This course challenges the associate degree nursing student to integrate and synthesize the knowledge gained in all previous courses to be applied to the adult and older adult client with co-morbidities of both acute and chronic health needs. Emphasis is placed on the management of clients with chronic illness that is complicated by an exacerbation or an acute illness, clients with compromised verbal abilities, clients requiring mechanical ventilation and clients with multi-system failure. The course also presents the student with the challenges of planning, implementing and evaluating care for the client with altered sensorium and/or cognition. (Theory - 30 hours; Lab - 40 hours)
Prerequisite: NS2011, NS2012, NS2021, NS2022
Delivery: on campus

NS3012 - Complex Adult Health Needs Clinical - 6 Credits
This clinical course provides the associate degree nursing student the opportunity to integrate all the components of the
professional nursing role in acute-care and subacute settings. The student will demonstrate leadership, management and culturally congruent care and skill to care for clients with diverse and complex needs across the lifespan. Students will have the opportunity to demonstrate synthesis of clinical competence and clinical judgment, and respond to complex and emergent client health needs. Students will have the opportunity to organize and prioritize care needs of multiple clients and justify the care of assigned clients. Students are provided faculty-guided and supervised clinical experiences in enhancing clinical judgment and in providing direct client care. This course must be taken concurrently with NS3011. (Clinical - 180 hours)
Prerequisite: NS2011, NS2012, NS2021, NS2022
Delivery: on campus

NS3026D - Concepts and Challenges in Professional Nursing - 3 Credits
This course is designed to facilitate role understanding and socialization into professional nursing. This course introduces concepts to be explored in further depth in the program, including social context for nursing, nursing roles in the healthcare delivery system, nurses and political action and nursing's future challenges.
Delivery: online

NS3050D - Pathophysiology in Practice - 4 Credits
The focus of this course is on the mechanisms and clinical manifestations of high-volume and high-risk diseases/conditions common across the variety of nurse practice settings. Learners will explore the impact of episodic and chronic health challenges from a holistic individual, family and community cultural perspective. This knowledge will be applied to the nurse’s role in management of disease, injury and health restoration within a caring and culturally sensitive context.
Prerequisite: prior A&P course(s)
Delivery: online

NS3225D - Nursing Theory and Healthcare Delivery Models - 4 Credits
This course will utilize Leininger’s theory on Culture Care as a framework for introducing the learner to the paradigms, theories, values, concepts and phenomenon of interest in the discipline of nursing. Learners will explore the relationships between theory, research and practice. Additionally, learners will explore the US healthcare delivery system, healthcare economics, the political process and its impact on the health of individuals, families and communities. Within this framework the learner will examine the impact of cultural, social and ethnic diversity on the delivery of health care and develop strategies for addressing healthcare issues utilizing the political process.
Delivery: online

NS3250D - Ethics and Issues in Contemporary Nursing - 4 Credits
This course explores the theories, models and principles that serve as guides for ethically sound behavior within a nursing context. The course addresses the complexities created by science and technological advances, increasing cultural diversity, the variety of settings where nurses practice and emphasizes the importance of principled behavior in personal and professional situations.
Delivery: online

NS3300D - Research in Nursing - 3 Credits
This course is designed to facilitate understanding and appreciation for the significance of nursing research as the basis for nursing practice. The influence of quantitative and qualitative research will be discussed, and evidence based practice will be introduced. Learners will explore the research process as a foundation for understanding, critiquing and applying nursing research related to providing holistic care to individuals, families and communities across the continuum of cultures.
Prerequisite: NS3026D, MA3000
Delivery: online

NS3310D - Evidence-Based Nursing Practice - 3 Credits
This course builds on NS3300D and focuses on introducing learners to the nursing research process and its relationship to providing evidence-based care. Learners will explore the concept of utilization of research evidence to support nursing interventions across the continuum of care. Concepts related to basic skills for evaluating research and means of utilizing research findings to incorporate them into practice will also be explored. Learners will gain an understanding of research contribution to evidence based practice and its relevance to advancement of nursing theory and practice.
Prerequisite: NS3300D, EN1300
Delivery: online

NS3315 - LPN to RN Transition - 4.5 Credits
This course is designed to assist the licensed practical/vocational nurse to transition to the role of the baccalaureate degree nurse. The focus is on the core competencies of critical thinking, therapeutic communication, assessment and technical skill that progressive personal and professional role development of the beginning baccalaureate nurse. Nursing theory, professional values, legalities and ethics are introduced. Nursing roles will be further explored: designer, coordinator, manager of care; mandatory reporter, advocate, change agent, educator and member of a profession. Students are provided faculty guided theory and laboratory experiences in order to develop competence and confidence in the performance of health history and physical assessments across the lifespan.
Prerequisite: Admission to the nursing clinical core
Delivery: on campus

NS3320D - Pathophysiologic Concepts I - 4 Credits
This course introduces the concepts of pathophysiologic processes underlying disease states across the lifespan. As a basis for beginning nursing practice, students will link manifestations, diagnostic studies, complications and disease management to specific disease states and pathologic processes. The focus is on specific processes involving stress response, immune function, cellular proliferation, fluid and electrolyte balance, acid-base imbalance and selected body system disorders including renal, gastrointestinal, liver/biliary,
endocrine, hematologic, integumentary, genetics and reproduction.
Prerequisites: SC1232, SC1332
Delivery: online

NS3321 - Holistic Health Assessment - 4 Credits
This course introduces the nursing student to the principles and psychomotor skills necessary to provide holistic and culturally congruent health and physical assessments for clients across the lifespan. Health promotion and maintenance principles are incorporated throughout this course. Emphasis is placed on use of the nursing process, critical thinking skills, and holistic and cultural appropriate care in collecting and documenting the health history and physical assessment data for client’s health experience. Students are provided faculty guided theory and laboratory experiences in order to develop competence and confidence in the performance of health history and physical assessments across the lifespan.
Prerequisites: Admission to the nursing clinical core
Delivery: on campus

NS3325 - Introduction to Professional Nursing Practice - 3 Credits
Beginning with a brief historical overview of nursing, nursing is defined in its past, present and future roles. Nursing theory, professional values, legalities and ethics are introduced. The scope of practice of the professional nurse, as well as standards of professional practice will be explored. The core tenets of caring and healing are central to the practice of a professional nurse. Nursing literature will be introduced and the student will begin to explore nursing theory and the evidence base of the discipline.
Prerequisites: Admission to the nursing clinical core
Delivery: on campus

NS3326D - Professional Role Development - 2 Credits
This course focuses on the core competencies of critical thinking, therapeutic communication, assessment, and technical skill that progressive personal and professional role development of the beginning baccalaureate nurse. A review of educational paths in nursing leads the student into an exploration of the multiple roles, responsibilities and requisite skills of the nurse today and in the future. The emphasis will be on the role development as provider of direct and indirect care to individuals, families, groups, communities and populations throughout the lifespan. Nursing roles will be further explored: designer, coordinator, manager of care, mandatory reporter, advocate, change agent, educator and member of a profession.
Prerequisites: Admission to the nursing clinical core
Delivery: online

NS3330 - Foundations of Holistic Nursing - 7 Credits
This course focuses on the role of the professional nurse in using therapeutic communication, maintaining professional boundaries and giving, translating or transmitting health information to meet the holistic health needs of the childbearing family. Health promotion and maintenance principles are incorporated throughout this course, as applied to self health and client health practices. Students will learn to apply growth and development theory, access research about risk factors in illness prevention and work with clients in a culturally-sensitive manor. Family nursing theory is applied throughout the health experience. In addition, teaching/learning theory and psychosocial health concepts will be applied to individuals, families and communities.
Prerequisites: none
Delivery: on campus

NS3331 - Foundations of Holistic Nursing Clinical - 3 Credits
This clinical course introduces the nursing student to the importance of therapeutic communication and professional relationships. The clinical course focuses on the role of the professional nurse in meeting the holistic health needs of the childbearing family in a variety of healthcare settings. Family nursing theory is applied throughout the health experience. Students will complete a teaching/learning project, family assessment and family nursing intervention to meet the needs and desires of the family unit.
Delivery: on campus

NS3340D - Pathophysiologic Concepts II - 4 Credits
This online course builds on previous concepts of pathophysilogic processes underlying disease states across the lifespan. As a basis for beginning nursing practice, students will apply what they have learned in NS3320D to further their knowledge and to link manifestations, diagnostic studies, complications and disease management to specific disease states and pathologic processes. The focus is on specific pathologic processes involving selected body system disorders with the emphasis on the respiratory, cardiovascular, peripheral vascular, neuropsychiatry, neurologic, sensory and musculoskeletal systems and multiple interacting systems/multi organ dysfunction.
Prerequisites: NS3320D
Delivery: online

NS3343 - Holistic Nursing Care in Chronic Illness I - 6 Credits
This course will focus on the role of the professional nurse in application of the nursing process to meet the holistic health care needs of clients throughout the lifespan. Family-centered nursing interventions to promote health and prevent disease for families, introduction of developmental theories, and reinforcement of family stress and adaptation theories will be leveled up from prior courses. Emphasis is placed on physiologic alterations and nursing actions that incorporate play, pharmacological interventions, and medical treatments in the care of clients with chronic health conditions. Chronic illness theory and related concepts that impact the disease trajectory will be explored.
Delivery: on campus

NS3345 - Holistic Nursing Care in Chronic Illness I Clinical - 4 Credits
This clinical course will focus on the client and family experiencing chronic health conditions. Nursing students will apply the nursing process and utilize family theory to guide nursing actions that promote health and prevent disease for families with chronically ill family members. Students will appropriately communicate and engage in direct and indirect care of clients with chronic illness in a variety of health care settings.
settings. The physiologic and psychosocial needs and desires associated with chronic illness will be examined.

**NS4000D - Holistic Nursing Care of the Community Clinical - 6 Credits**

This course is intended to prepare nurses in the practice of community and public health nursing. This course will meet the entry level population-based public health nursing competencies. Students will be introduced to the basic public health nursing knowledge base and personal characteristics that contribute to effective nursing practice in the community health setting. Mental health needs of communities, systems, individuals and families will be incorporated in this course.

Prerequisite: EN1300

Delivery: on campus

**NS4050D - Public Health and Community Nursing - 6 Credits**

This course introduces the student to the concept of population focused nursing practice. Public health, public health nursing and community nursing are examined from a local, national and international perspective.

Prerequisite: NS3300D, NS4000D

Delivery: online

**NS4060D - Caring for Vulnerable Populations - 4 Credits**

This course builds on Public Health and Community Nursing and focuses specifically on vulnerable populations. Perspectives on vulnerability, epidemiology of vulnerability, factors contributing to vulnerability and outcomes of vulnerability are explored. Assessment, planning and implementation, evaluation of care and strategies for improving the health and wellness of vulnerable populations are developed using an epidemiological and culturally competent approach.

Prerequisites for Online RN to BSN: EN1300, NS4050D

Prerequisites for Generic BSN: EN1300, NS4043

Delivery: online

**NS4143 - Holistic Nursing Care in Acute Illness II and End of Life - 6 Credits**

This course challenges the student to synthesize the multifaceted nursing roles associated with providing safe and effective care to complex patients in the emergent and/or acute care setting. Students will focus on the multiple dimensions of patient-centered care that promotes psychosocial and physiologic integrity of the client. The emphasis of this course will be focused on the ability of the student to synthesize knowledge from nursing, the arts, and sciences in the holistic practice of professional nursing.

Delivery: on campus
NS4145 - Holistic Nursing Care in Acute Illness II and End of Life Clinical - 4 Credits
This course challenges the professional nursing student to integrate and synthesize the knowledge gained in the previous acute care nursing course to be applied to clients throughout the lifespan. Students will be expected to care for complex multisystem conditions in the acute care setting. The student will be challenged to apply and synthesize the nursing process, and the health experience of the client and their family. Students will be exposed to a multidisciplinary approach to providing care to emergent and/or complex acute clients. Students are expected to become proficient with diagnostic tests and procedures.
Delivery: on campus

NS4150D - Information Technology in Nursing - 4 Credits
This course provides learners with knowledge about IT systems used in hospitals and healthcare agencies and applications to improve nursing delivery of safe patient-centered care. Concepts include a survey of the types of systems currently in use and in development, environmental assessment to determine system needs, implementation and staff education strategies, system cost-benefit determination and system evaluation. Learners will discuss both the advantages and concerns associated with ongoing changes in information technology.
Delivery: online

NS4155D - Public Health and Community Nursing Clinical - 2 Credits
This course introduces the student to population based clinical experience with a focus on meeting the health needs of a community as a whole. The student will assess a community in relation to a Healthy People 2010 health objective. Evidence based public health nursing interventions will be developed based on barriers and assets within a community. Measureable health indicators will be developed as a means of evaluating their success in meeting the goals identified for the chosen population. Community partners are identified that are essential for promoting health within a population.
Prerequisite: NS4050D
Delivery: online

NS4210 - Research and Evidence-Based Practice - 4 Credits
This course emphasizes the scientific inquiry behind the discipline of nursing. Empiric knowledge and evidence-based practice methods will be introduced. Quantitative and qualitative research processes along with outcomes research will be incorporated throughout the course. The method of integrated research reviews will be utilized to build an evidence-based practice and assist in the preparation for future graduate-level studies.
Prerequisite: MA3000, EN1300
Delivery: on campus

NS4243 - Holistic Nursing Care in Chronic Illness II and End of Life - 6 Credits
This course focuses on the role of the professional nurse in applying the nursing process to meet the holistic health needs of clients throughout the lifespan. Emphasis is placed on nursing interventions in the care of client’s with chronic health conditions across the health-illness continuum and end of life care. Geriatric and end-of-life competencies, psychosocial and physiologic integrity nursing strategies and safe and effective care environments will be discussed throughout the course.
Delivery: on campus

NS4245 - Holistic Nursing Care in Chronic Illness II and End of Life Clinical - 4 Credits
This clinical course focuses on the role of the professional nurse in applying the nursing process to meet the holistic health needs of clients throughout the lifespan. Emphasis is placed on nursing interventions in the care of clients with chronic health conditions across the health-illness continuum and end of life care. Geriatric and end-of-life competencies, psychosocial and physiologic integrity nursing strategies and safe and effective care environments will be demonstrated in the clinical setting.
Delivery: on campus

NS4300 - Concept Integration for the Professional Nursing Role I - 5 Credits
This integrative concept course enhances the student’s understanding of the complex roles professional nurses must fulfill. Students will experience clinical-intensive course content focused on one’s ability to synthesize and apply nursing phenomenon. This precepted clinical experience will provide the student with in-depth perspective of nurses’ patterns of knowing. Students are expected to apply theory-based decision making in the delivery of safe, competent and culturally congruent nursing care.
Delivery: on campus

NS4310 - Concept Integration for the Professional Nursing Role II - 5 Credits
This integrative concept course enhances the student’s understanding of the complex roles professional nurses must fulfill in a focus area. This course will assist with the difficult transition of nursing student into the professional practice role of a graduate nurse. It is hoped that this course will improve student satisfaction, confidence, retention, and readiness in an attempt to enhance patient safety and quality care. Students will experience the principles of leadership and management in a specific practice area of nursing.
Delivery: on campus

NS4350D - Quality Management in Nursing and Health Care - 4 Credits
This course provides a multidisciplinary approach to quality management. The learner will gain an understanding of the historical and theoretical evolution of quality management, national quality standards, customer satisfaction and cost, issues in quality care, various methods of collecting and managing quality data and applying evidenced based practice to healthcare systems to improve quality outcomes.
Prerequisite: EN1300
Delivery: online
NS4400D - Leadership and Management in Nursing - 6 Credits
This course introduces students to the principles of leadership and management in the practice of nursing. Students explore associated issues and their effect on nursing practice. Concepts related to change, communication, conflict and financial management will be presented. Students will gain understanding of organizational theories, key skills in nursing and human resource management, strategic planning, participatory thinking and shared vision.
Prerequisite: Online RN to BSN: NS3225D, NS3300D, NS4150D; Generic BSN: All 3000-level nursing courses
Delivery: online

OFFICE (OF)

OF1010 - Office Accounting - 4 Credits
This course is designed to introduce the student to basic accounting procedures. This course instructs the management of financial records, collection and billing procedures, the basic accounting cycle, payroll writing and withholding taxes and banking procedures. The course also provides examples of these skills in specific office settings.
Delivery: on campus

ORGANIZATIONAL LEADERSHIP (OL)

OL3100 - Principles of Organizational Leadership - 4.5 Credits
Leadership has been a key topic in many management courses, and in recent years, it has been recognized that effective leadership is required to meet organizational challenges. This course will help students gain insight and learn necessary skills to enhance their leadership abilities.
Delivery: on campus and online

OL4100 - Organizational Culture and Leadership - 4.5 Credits
Culture in organizational settings is complex and diverse. This course will address culture at the national, industrial, organizational and sub-organizational levels.
Prerequisite: OL3100
Delivery: on campus and online

OL4200 - Learning Organizations - 4.5 Credits
Competition and globalization require an organization’s leaders to think creatively and learn adeptly to ensure business survival. A learning culture is used strategically to help a company remain competitive within complex operating environments. This course discusses the driving forces that encourage the development of learning organizations and the necessary elements to create them. How organizational leaders strategically develop and sustain these elements is also presented.
Prerequisite: OL3100
Delivery: on campus and online

OL4300 - Organizational Development and Change - 4.5 Credits
Change is an inevitable part of life, and organizations must be able to anticipate and understand change in order to remain competitive. In this course, students will learn to use specific processes and techniques to implement planned change interventions in organizations to maximize effectiveness. Developing the individual, work teams, and the organization as a whole are also addressed.
Prerequisite: OL3100
Delivery: on campus and online

OL4500 - Action Research I - 2 Credits
Research is important in today’s business environment, and the successful manager must be able to research a project, develop alternatives, make final decisions, and prepare a research report. In this course, students will learn the skills necessary to conduct action research, develop alternatives, and make final decisions.
Prerequisite: CI2080/MT4200/MT4300/OL3100/OL4100/OL4200/OL4300/EN1300
Delivery: on campus and online

OL4550 - Action Research II - 2 Credits
This course continues the study of organizational leadership research. After conducting research, developing alternatives and making final decisions in OL4500, students will be expected to prepare an action research project in complete form.
Prerequisite: OL4500
Delivery: on campus and online

OL1900-4990 - Special Topics in Organizational Leadership - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

PHYSICAL EDUCATION (PE)

PE1350 - Wellness - 4.5 Credits
The purpose of this course is to assist students in making healthy decisions regarding lifestyle behaviors. This course explores the various components of wellness and fitness such as: nutrition, resistance training, common illnesses, sexually transmitted diseases, stress management, health care, substance abuse, and managing personal lifestyles. Students will be presented with wellness and fitness information that will provide them the knowledge and skills necessary to maintain a healthy lifestyle.
Delivery: on campus

PARALEGAL (PL)

PL1100/ISO1100 - Introduction to Legal Principles - 4.5 Credits
This course examines the United States legal system from a historical and philosophical perspective. Students explore
numerous topics, including the relationship between law, values, status, wealth and power. Students are introduced to legal reasoning and analysis, the dynamic process of making and enforcing laws, the structure of the legal system in this country, and the participants in that system.

Delivery: on campus

PL1150 - Legal Research I - 4.5 Credits
This course is a study of methods and procedures used in legal research. It introduces the student to indexes used as the primary source of the law (statutes, regulations and case law) and secondary sources (legal encyclopedias), and includes an introduction to computerized researching.

Delivery: on campus

PL1350 - Legal Research II - 4.5 Credits
This course is an extension of Legal Research I with an emphasis on complete research of specific legal problems or questions. The student is given responsibility to research a project embodying several questions of law with the results reduced to a legal memorandum.

Prerequisite: PL1150
Delivery: on campus

PL2050 - Torts - 4.5 Credits
This course is a study of the basic principles of tort law. Students examine the elements of the different torts, including negligence, the various intentional torts, strict liability, torts connected to land, and products liability. Students analyze hypothetical tort claims, possible defenses to such claims, and damages resulting from such torts.

Prerequisite: PL1100
Delivery: on campus

PL2100/OS2120 - Domestic Relations - 4.5 Credits
This course is a study of family law and a review of law and procedures relative to marriage, divorce, adoption, parent/child relationships with legal rights, privileges and duties of all parties.

Prerequisite: PL1100
Delivery: on campus

PL2150 - Civil Procedure - 4.5 Credits
This course explores the civil litigation process. Students acquire a thorough knowledge of all aspects of a civil procedure, including service of process, pretrial discovery, motions, trial, appeal and enforcement of judgments. Students utilize such knowledge to draft pleadings and papers under the supervision of an attorney.

Prerequisite: PL1350/EN1150
Delivery: on campus

PL2350 - Criminal Procedure - 4.5 Credits
This course examines the constitutional foundation of criminal law and criminal procedure. Students review substantive criminal law concepts, including criminality, culpability, and the elements of particular crimes. Students also explore criminal procedure, including search and seizure, the pretrial process, trial, sentencing, and appeal.

Prerequisite: PL1350
Delivery: on campus

PL2500/EN2500 - Legal Writing - 4.5 Credits
This course is an extension of the Legal Research courses with an emphasis on the various types of legal writing. The student is given responsibility for drafting legal correspondence, instruments, pleadings and briefs, in addition to interoffice memorandums.

Prerequisites: PL1350
Delivery: on campus

PL3000 - Law Office Technology - 4.5 Credits
This course introduces students to technology commonly utilized in law offices. Using a hands-on approach, students learn various software applications, including applications related to office management, case organization and management, electronic discovery, litigation support, presentation and trial graphics, electronic research, databases, and word processing.

Prerequisite: PL1100/CI1150
Delivery: on campus

PL3050 - Real Property - 4.5 Credits
This course introduces students to the laws of real property. Topics include the different estates in real property, property rights, finance and conveyance, contracts, mortgages, liens, and land use. Students review legal descriptions, and draft deeds and other real estate documents under the supervision of an attorney.

Prerequisite: PL1100
Delivery: on campus

PL3100 - Professional Ethics and Law Office Procedures - 4.5 Credits
This course provides a classroom forum for discussion of ethical issues involved in the legal profession and, specifically, ethical issues encountered by paralegals. Students review and discuss the purpose of the ethical codes and guidelines of the American Bar Association, the National Association of Legal Assistants, and the National Federation of Paralegal Association. Students consider ethical issues concerning the unauthorized practice of law, confidentiality, conflicts of interests, advertising and solicitation, attorney fees and client funds, competency, and professionalism, and discuss law office procedures to prevent ethical violations.

Prerequisite: PL1100
Delivery: on campus

PL3230/MT3230 - Employment Law - 4.5 Credits
See MT3230

PL3250 - Wills, Trusts and Probate - 4.5 Credits
This course introduces students to the legal principles involved in the creation and enforcement of wills and trusts and the procedures of estate administration. Students review basic estate planning techniques and prepare testamentary documents for review by an attorney. Students also acquire knowledge and skills necessary to assist in the administration of a decedent's estate.

Prerequisite: PL1100
Delivery: on campus
PL3400 - Evidence/Exclusionary Rule - 4.5 Credits
This course introduces students to the intriguing and complex rules that govern the admission of evidence at trial. Through the study of the Federal Rules of Evidence, supplemented by numerous examples, students acquire a fundamental knowledge and understanding of the purpose and procedures related to the law of evidence.
Prerequisite: PL1350 or Junior status
Delivery: on campus

PL3470/MT3470 - Bankruptcy - 4.5 Credits
This course instructs students on all aspects of consumer bankruptcy proceedings, from the filing of the bankruptcy petition to the final discharge. Students gain practical knowledge of debtor/creditor relations, secured and unsecured debt, and the effect of the commencement of Chapter 7 and Chapter 13 bankruptcy proceedings, and bankruptcy alternatives.
Prerequisite: PL1100
Delivery: on campus

PL3500 - Introduction to Contracts - 4.5 Credits
This course examines the law of contracts and the corollary law of equitable remedies. Students study the classical contract model, the Uniform Commercial Code, and federal statutes governing contracts. Students analyze hypothetical factual scenarios by applying legal and equitable theories learned in this course. In addition, students develop practical skills by drafting basic contracts and pleadings associated with contract litigation.
Prerequisite: PL1150
Delivery: on campus

PL4110 - Elder Law - 4.5 Credits
This course examines various legal issues encountered by the elderly, and explores various methods for addressing those issues, including advance directives, wills, trusts, guardianships, entitlement programs, managed care and long-term care insurance, viatical settlements, living facilities for the elderly, financial planning, and elder abuse.
Prerequisite: PL3250
Delivery: on campus

PL4150 - Practical Legal Investigation - 4.5 Credits
This course instructs the student in methods of conducting a proper investigation through interviewing techniques, records investigation, the taking of statements, and proper reporting of obtained information.
Prerequisite: PL2150
Delivery: on campus

PL4200 - Litigation and Trial Practice - 4.5 Credits
This course prepares the student to assist attorneys in all aspects of civil litigation from the client interview through pre-trial discovery and motion practice, to trial and post-trial motions and appeals. This course guides the student through an entire set of facts and requires considerable research and the preparation of discovery documents, motions, briefs, stipulations, and other papers related to civil litigation.
Prerequisite: PL2150
Delivery: on campus

PL4220 - Environmental Law - 4.5 Credits
This course examines the complex and interrelated federal, state and local laws and regulations controlling pollution and the environment.
Prerequisite: PL1350
Delivery: on campus

PL4250 - Administrative Law - 4.5 Credits
This course examines administrative agencies and administrative procedures, with emphasis on federal agencies. Students review constitutional issues addressed during the development of agencies and the delegation of power to agencies. Students study procedures governing agency actions, including rulemaking, investigations, enforcement, and adjudications.
Prerequisite: PL1350
Delivery: on campus

PL4350 - Adversary System - 4.5 Credits
This course examines the adversary system and alternate dispute resolution methods. It is also a practicum that applies the knowledge and skills developed by the student in previous courses. Students assist in the preparation of a lawsuit for trial, commencing with the initial interview through post-trial motion procedures.
Prerequisite: PL2150
Delivery: on campus

PL4500-4590 - Paralegal Internship - 4.5-13.5 Credits
This course provides the student with practical experience in a law firm or other law-related office in a capacity agreed upon in advance by the faculty internship supervisor, the internship office, and the student. Students communicate regularly with the faculty internship supervisor and submit weekly reports completed by the student.
Prerequisite: Instructor approval
Delivery: on campus

PL4600 - CLA Review - 4.5 Credits
Although national certification is not a professional requirement for paralegals/legal assistants, it is strongly encouraged. This course provides an in-depth, comprehensive review of the paralegal curriculum, accomplished through study of the concepts covered in the Certified Legal Assistant (CLA) Examination.
Delivery: on campus

PL1900-4990 - Special Topics in Paralegal Studies - 1-4.5 Credits
From time to time, special topics courses are offered on subjects that interest students and instructors.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

PSYCHOLOGY (PS)

PS1050 - Introduction to Psychology - 4.5 Credits
This course covers the fundamentals of human psychology, starting with the historical context from which the psychology evolved up to modern day theories on human thought and behavior. Students will gain an understanding of the scientific
method, the guidelines to critical and creative thinking, and the different methodologies used in psychological research. Students will explore and understand what affects human emotion, motivation, and cognition as well as theories of personalities and pathology. Understanding the basics of psychology promotes a better understanding of self, which helps create a more authentic and productive life.

Delivery: on campus and online

PS2000 - Human Growth and Development - 4.5 Credits
This course is designed to increase the student’s knowledge and understanding of growth and development at each age and stage throughout the lifespan. Concepts and theories about physical, cognitive, social, and personality development over the lifespan are presented. Emphasis is placed on issues and theoretical perspectives in the field, genetic and environmental influences, the development of basic human abilities, and the development of self in society.

Delivery: on campus

PS2100 - Human Relations - 4.5 Credits
This course is a study of interactions among people - why our beliefs, attitudes and behaviors sometimes cause interpersonal conflict in our personal lives and in work-related situations. The emphasis is on the analysis of human behavior, prevention strategies, and resolution of behavioral problems in organizations.

Delivery: on campus and online

PS3250/MT3250 - Organizational Behavior - 4.5 Credits
See MT3250

PS3300/MG3310 - Customer Service Relations - 4.5 Credits
Effective customer service can bring a competitive advantage to a firm. This course will provide students with information and skills in effective customer service. Topics addressed include the definition of effective customer service, models for providing effective customer service, service recovery models, practice in identifying and communicating effective customer service, and service management case studies.

Delivery: on campus

MG3500/PS3500 - Consumer Behavior - 4.5 Credits
See MG3500

PS1900-4990 - Special Topics in Psychology - 1-4.5 credits
Topics will vary depending on the interests of the instructor and students.

Prerequisite: Permission of the Academic Dean

Delivery: on campus

PHARMACY (RX)

RX1000 - Introduction to Pharmacy - 4 Credits
This is an introductory course in the field of pharmacy. The course orients students to the work of pharmacy technicians and the context in which the technician's work is performed. Students learn the concept of direct patient care and the technician's general role in its delivery. Students are introduced to the medication laws, standards, and regulations affecting pharmacy technicians and the concept of quality assurance and its procedures. Students examine the attitudes, values, and beliefs necessary for successful pharmacy technicians.

Delivery: on campus

RX1100 - Pharmacy Calculations - 4 Credits
This course introduces students to the calculations performed by technicians in the pharmacy practice setting. The course will orient users to the different measuring systems used in the pharmacy and conversions between the systems. Students will also learn common pharmacy symbols. Calculations will include proportions and dilutions. Common calculations in pharmacy will be applied, such as calculating proper dosage and identifying amounts of ingredients for compounded products. Common medications, by trade and generic name, targeted outcome, and primary body system are investigated.

Prerequisites: MA0900 or placement recommendation

Delivery: on campus

RX1210 - Drug Therapeutics I - 4 Credits
This course provides students detailed information on the therapeutic use and side effects of prescription medications, nonprescription medications, and alternative therapies. For each medication studied, students learn the brand and generic name, standard pronunciation, dosage forms, and routes of administration. Therapeutic areas covered include the anti-infective drugs, narcotic pain relievers, neurologicals, and psychiatric, dermatologic, otic and ophthalmic agents.

Delivery: on campus

RX1220 - Drug Therapeutics II - 4 Credits
This course provides students detailed information on the therapeutic use and side effects of prescription medications, nonprescription medications, and alternative therapies. For each medication studied, students learn the brand and generic name, standard pronunciation, dosage forms, and routes of administration. Therapeutic areas covered include the gastrointestinal, renal, reproductive, immune, hematologic, cardiovascular, respiratory, endocrine and musculoskeletal systems; and nutritional and alternative supplements. The role of the FDA in dietary and herbal supplements is also described.

Prerequisite: RX1000/RX1210/SC1221/EN1300

Delivery: on campus

RX2110 - Pharmacy Operations - 4 Credits
This course provides students with detailed knowledge of pharmacy operations and logistics. Students are introduced to the various forms of technology currently in use for storing, accessing, and recording pharmacy data. Students also learn various methods of inventory control, methods of payment, verification of coverage by third party payers, determination of payment, taxable and nontaxable items, and operation of a cash register. In addition, methods of handling hazardous wastes, sharps, and infection control are introduced.

Delivery: RX1000

Delivery: on campus
RX2210 - Pharmaceutical Patient Care - 2 Credits
This course examines the pharmacy technician’s role in providing pharmaceutical care and the importance of communication. Students explore their role in assisting the pharmacist to collect, organize and evaluate information; receiving and screening prescriptions or medication orders; counseling patients; preventing medical misadventures; and monitoring medication therapy. Students also learn strategies to communicate effectively with patients and coworkers when performing job responsibilities.
Prerequisites: RX1000
Delivery: on campus

RX2310 - Community Pharmacy Products Lab - 2 Credits
This course provides students with hands-on experience in the production of pharmaceutical products. The skills of medication preparation, labeling, product storage, providing supplemental patient information and quality assurance are addressed. Students also learn to prepare manufactured products for distribution, and to compound nonsterile products.
Prerequisites: RX1000/RX1100
Delivery: on campus

RX2410 - Preparing for Pharmacy Profession - 3 Credits
This course provides students with the tools they will need to be successful as pharmacy technicians. Students are exposed to a variety of issues related to the attitudes, values and skills; in addition to the legal responsibilities of a pharmacy technician. Students will review areas of concentration presented throughout the entire program, such as: pharmacy calculations, aseptic compounding, non-sterile compounding, basic biopharmaceutics, and pharmacy laws and regulations. They also re-examine areas related to processing of prescriptions, purchasing, and inventory control. A final review of this information is essential to the successful passing of the national certification exam. Throughout this course, students gain an appreciation for the value of technician certification and active involvement in professional organizations.
Prerequisite: RX2210
Delivery: on campus

RX2510 - Infusion Pharmacy Lab - 2 Credits
This course provides students with hands-on experience in the production of pharmaceutical products. The skills of medication preparation, labeling, product storage, providing supplemental patient information, and quality assurance are addressed. Students also learn to prepare sterile compounded products for distribution, and cytotoxic and other hazardous injectable medication products.
Prerequisite: RX1000/RX1100
Delivery: on campus

RX3110 - Infusion Externship - 4 Credits
Students practice skills developed in the didactic and laboratory phases of their training in an environment that provides infusion services. The student will engage in the entire scope of activities that might be performed by a pharmacy technician at the particular site. The student will be evaluated by the site's preceptor.
Prerequisites: Program coordinator approval
Delivery: on campus

RX3120 - Community or Outpatient Externship - 4 Credits
Students practice skills developed in the didactic and laboratory phases of their training in a community or outpatient pharmacy that does not offer infusion services. The student will engage in the entire scope of activities that might be performed by a pharmacy technician at the particular site. The student will be evaluated by the site's preceptor.
Prerequisites: Program Coordinator approval
Delivery: on campus

RX1900-2990 - Special Topics for Pharmacy Technicians - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

SCIENCE (SC)

SC1040 - General Biology - 4.5 Credits
This non-lab course is designed to introduce the student to the life sciences. Development of a science-oriented vocabulary is stressed. Organization, structure/function relationship, the scientific method, characteristics of living things, and information systems are some of the topics discussed.
Delivery: on campus

SC1055 - Biological Concepts with Lab - 4.5 Credits
This lecture course is designed to introduce the student to the life sciences. Development of a science-oriented vocabulary is stressed. Organization, structure/function relationships, the scientific method, characteristics of living things, and information systems are some of the topics discussed. Laboratory exercises reinforce biological concepts learned in the lecture portion of this course. (3.5 hours lecture, 2 hours lab/week)
Delivery: on campus

SC1100 - Environmental Science - 4.5 Credits
This course is an introduction to environmental science that includes energy principles, relationships of organisms in ecosystems, and human impact.
Delivery: on campus and online

SC1120 - Astronomy - 4.5 Credits
This course is an introduction to astronomy as a science. Basic principles of physics are utilized in developing an overall concept of our location in space and a general view of the neighborhood. Current topics are emphasized.
Delivery: on campus

SC1150 - Environmental Geology - 4.5 Credits
This course includes the examination of Earth processes that influence human activities. Topics include Earth development, rocks and minerals, internal Earth processes, surface Earth processes, Earth resources, pollution, and waste disposal.
Delivery: on campus
Course Descriptions

SC1180 - Basic Animal Anatomy - 4 Credits
This course is an introduction to anatomy of domestic animals. Parts of the animal and the skeleton will be emphasized. In addition, major muscles, vessels, nerves and organs will be identified and their primary functions discussed.
Delivery: on campus

SC1200 - Principles of Nutrition - 4.5 Credits
This course introduces nutritional concepts including principles of digestion and absorption, the functions of nutrients, lifecycle needs, disease prevention, and weight management. The basic principles of nutrition are studied with particular emphasis on their applications to human health and daily living.
Delivery: on campus and online

SC1201 - Nutritional Foundations - 2 Credits
This course introduces the basic nutritional concepts and their application to health and disease modification and prevention; including digestion and absorption, functions of nutrients, nutritional needs across the lifespan, and weight management.
Delivery: on campus

SC1210 - Introduction to Meteorology - 4.5 Credits
This course examines the nature of the atmosphere, including how and why a wide variety of weather conditions are observed on the Earth. Topics include: heat transfer and temperature; moisture, clouds and precipitation; air pressure and wind; mid-latitude storm systems; tornadoes and hurricanes; weather forecasting; and climate change. There will also be a special emphasis on local climatology.
Delivery: on campus

SC1221 - Essentials of Anatomy and Physiology with Lab - 6 Credits
Designed for allied health learners with little or no biology knowledge, this course provides an introduction to the essentials of anatomy and physiology. Throughout the course students will demonstrate knowledge of the complementary relationship between structure and function of the human body, as well as the integration of systems to maintain homeostasis. Students will apply this fundamental knowledge to explain common diseases, disorders or conditions, and make recommendations that promote individual health, regardless of age or gender.
Delivery: on campus

SC1222D - Essentials of Anatomy and Physiology - 6 Credits
Designed for allied health learners with little or no biology knowledge, this course provides an introduction to the essentials of anatomy and physiology. Throughout the course students will demonstrate knowledge of the complementary relationship between structure and function of the human body, as well as the integration of systems to maintain homeostasis. Students will be able to apply this fundamental knowledge to explain common diseases, disorders or conditions, and make recommendations that promote individual health, regardless of age or gender.
Delivery: online

SC1223D - General Anatomy and Physiology - 4 Credits
This bridging course in anatomy and physiology studies is available to students who have completed prior college-level course work in the field. Throughout the course, students will demonstrate knowledge of the complementary relationship between structure and function of the various body systems, as well as the integration of systems to maintain homeostasis.
Prerequisite: Prior Anatomy and Physiology course(s) (4 hours lecture)
Delivery: online

SC1232 - Human Anatomy and Physiology I with Lab - 6 Credits
This course utilizes a systems approach to study human anatomy and physiology. Cells and tissues, the integumentary system, the skeletal system, the muscular system, the nervous system and the endocrine system are addressed. (4.5 hours lecture, 3 hours lab/week)
Delivery: on campus

SC1240 - Anatomy and Physiology of Domestic Animals - 4 Credits
This course is a systems approach to the study of the essentials of anatomy and physiology of domestic animals.
Prerequisite: ME1150
Delivery: on campus

SC1240 - Comparative Anatomy Lab - 2 Credits
This course covers the comparison of the anatomy of domestic animals using the cat as a model of dissection.
Prerequisite: SC1240
Delivery: on campus

SC1300 - Physical Science - 4.5 Credits
This lecture course provides a general knowledge of the physical sciences dealing with matter and energy. Lectures cover introductory chemistry, physics, astronomy and earth sciences.
Prerequisite: MA1500
Delivery: on campus

SC1320 - Anatomy and Physiology of Domestic Animals II - 3 Credits
This course is a continuation of the systems approach to the study of the essentials of anatomy and physiology of domestic animals. Systems not covered in Anatomy and Physiology of Domestic Animals I are addressed.
Prerequisite: SC1240
Delivery: on campus

SC1332 - Human Anatomy and Physiology II with Lab - 6 Credits
This course utilizes a systems approach to study human anatomy and physiology. The blood, and cardiovascular system, the lymphatic system, the digestive system, the respiratory system, the urinary system and the reproductive system are addressed. Also covered are fluid and electrolyte
balance, acid and base balance, and genetics. (4.5 hours lecture, 3 hours lab/week)
Prerequisite: SC1232
Delivery: on campus

SC1354 - General Chemistry and Biochemistry with Lab - 4.5 Credits
This course is a basic study of concepts of chemistry and its importance in life sciences. This course emphasizes biochemistry and includes intense problem-solving sessions in the metric system and medical mathematics. Laboratory exercises reinforce chemistry concepts learned in the lecture portion of this course. (3 hours lecture, 3 hours lab/week)
Delivery: on-campus

SC1370 - Pathophysiology - 6 Credits
This course is designed to familiarize the beginning nursing student with the communication, interpretation and impact of disease by an individual, family and community. The interrelatedness and response to disease will consider the biological, social, cultural, spiritual, physical and behavioral aspects of the individual. Etiology, signs and symptoms, demographics, pathogenesis, and co-morbidities will be considered in reference to various disease processes.
Prerequisite: SC1332
Delivery: on campus

SC1421D - Microbiology - 4.5 Credits
This course is a general introductory course to microbiology. It provides a background in many areas of microbiology, antimicrobial agents and immunology. Host parasite relationships of microorganisms will be studied with an emphasis on bacteria.
Delivery: online

SC1422 - Microbiology with Lab - 6 Credits
This course is a general introductory course to microbiology. It provides a background in many areas of microbiology, antimicrobial agents, immunology and host parasite relationships of microorganisms will be studied with an emphasis on bacteria. In the lab portion of this course, students will learn aseptic techniques and apply them in the isolation of pure cultures of bacteria. Students will also perform various staining techniques and chemical tests to identify these bacteria. The response of bacteria to changes in environmental conditions will be examined. Various life stages of medically important parasites will also be observed. (4.5 hours lecture, 3 hours lab/week)
Delivery: on campus

SC2050 - Clinical Kinesiology - 4 Credits
This course explains the structure and motion of the human body. Course content includes a review of location and movement terminology, bone structure and function, joint structure and function, and common orthopedic conditions. Students will learn to differentiate normal movement mechanics from the dysfunctional movement patterns, compensations, and pathomechanics that precede joint injury and degeneration. Clinical applications of concepts reinforce learning and integration of knowledge into practice.
Prerequisite: SC2060 or TM program coordinator consent
Delivery: on campus

SC2060 - Palpation of Anatomy and Lab - 3 Credits
This course this course is designed to bridge the gap between musculoskeletal anatomy and physiology and the living body and explains neuromuscular control of movement. Course content includes a survey of muscle anatomy and physiology, musculoskeletal assessment, proprioception, and neurological coordination of movement. Lab components include systematic palpation of the skin and fascia, bones, bony landmark trails, muscles, and other relevant structures. Primary emphasis is placed on muscle palpation and identification of muscle actions and attachments. Other structures examined include endangerment sites, ligaments, joint structure, lymph nodes, and arteries.
Prerequisite: SC1221
Delivery: on campus

SC2080 - Palpation of Anatomy Lab - 1 Credit
Taken in conjunction with SC2060, this course is designed to bridge the gap between musculoskeletal anatomy and physiology and the living body. Course content includes systematic palpation of the skin and fascia, bones, bony landmark trails, muscles, and other relevant structures. Primary emphasis is placed on muscle palpation and identification of muscle actions and attachments. Other structures examined include endangerment sites, ligaments, joint structure, lymph nodes, and arteries.
Prerequisite: SC1221 or TM program coordinator consent; concurrent with SC2060
Delivery: on campus

SC2200 - Pharmacology for Veterinary Technicians - 4 Credits
This course introduces the veterinary technician student to the study of drugs and drug therapy. Emphasis is placed on identifying drug actions, drug names, routes of administration, and adverse effects.
Prerequisites: SC1320/SC1354
Delivery: on campus

SC2220 - Pharmacology for Athletic Trainers - 3 Credits
This course introduces the athletic training student to the study of drugs and drug therapy. Emphasis is placed on identifying drug actions, drug names, routes of administration, and adverse effects for athletes.
Prerequisites: ME1150/SC1232
Delivery: on campus

SC3100 - Bacteriology/Parasitology - 3 Credits
This course is a study of characteristics of pathogenic and non-pathogenic bacteria and fungi. The fundamentals of infections and control of internal and external parasites are also explored.
Prerequisite: AH2300
Delivery: on campus

SC3110 - Bacteriology/Parasitology Lab - 2 Credits
This course includes laboratory exercises in the collection, culture and identification of bacteria and fungi. Identification of internal and external parasites is also emphasized.
Prerequisite: AH2300/AH2310
Delivery: on campus

SC3400 - Biomechanical Kinesiology - 4 Credits
The purpose of this course is to present kinesiology as it is applied to the field of athletic training. This course will allow the student to analyze certain movements and muscles, and understand the potential of injury to the body region.
Prerequisite: SC1232/MA2050
Delivery: on campus

SC3450 - Physiology of Exercise - 4 Credits
A study of the physiological effects of exercise with primary emphasis on bioenergetics, neuromuscular functions, cardiorespiratory considerations, and physical training.
Prerequisite: SC1332
Delivery: on campus

SC1900-4990 - Special Topics in Science - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

SOCIOLOGY (SO)

SO1050 - Introduction to Sociology - 4.5 Credits
This course is designed to develop the sociological thinking of students. The multifaceted nature and depth of sociology will be presented in such areas as socialization, diversity, stratification, social institutions, and globalization.
Delivery: on campus and online

SO1100/PL1100 - Introduction to Legal Principles - 4.5 Credits
See PL1100

SO1800 - Community Volunteer Practicum - 4.5 Credits
This practicum course provides students with the opportunity to serve as a volunteer in a community non-profit organization which has been approved by the university.
Delivery: on campus

SO2050 - Marriage and the Family - 4.5 Credits
This course studies premarital and marital relationships in modern society. The historical and cultural aspects of love, dating, marriage, and alternative systems are used to discover the difficulties in adjusting to marriage and the family.
Prerequisite: SO1050
Delivery: on campus

SO2120/PL2100 - Domestic Relations - 4.5 Credits
See PL2100

SO2150 - Child Growth and Development - 4.5 Credits
This course looks at children from a developmental perspective; it reflects how children change as a result of age and experience. The student studies the physical, cognitive, social and emotional development of children from conception through adolescence.
Prerequisite: SO1050
Delivery: on campus

SO2200 - U.S. Government - 4.5 Credits
This course will present all aspects of government - the process, the politics, the institutions, the people governing and the people being governed.
Delivery: on campus

SO3100 - Human Geography - 4.5 Credits
This course explores the study of geography by emphasizing the relevance of geographic concepts to human problems. A central focus of the course is on the tension between globalization and cultural diversity. Students will explore how people are taking deliberate steps to protect their cultural identities as the world becomes more unified economically, culturally and environmentally.
Prerequisite: SO1050
Delivery: on campus

SO3450/MT3450 - International Relations - 4.5 Credits
See MT3450

SO4150/MT4150 - Business and Society - 4.5 Credits
See MT4150

SO1900-4990 - Special Topics in Sociology - 1-4.5 Credits
Topics will vary depending on the interests of the instructor and students.
Prerequisite: Permission of the Academic Dean
Delivery: on campus

THERAPEUTIC MASSAGE (TH)

TH1020 - Ethics and Personal Growth - 2 credits
This course examines the ethics of touch relating to the massage therapy field. Students will develop fundamental knowledge and skills required to promote successful and ethical therapeutic relationships with clients and be successful as an employee, independent contractor, or small-business owner.
Delivery: on campus

TH1030 - Fundamentals of Massage Therapy - 2 Credits
This course provides an introduction to massage practice including the effects, benefits, indications and contraindications for massage; preparing equipment and products for massage; sanitary and safety practices; and client consultation and documentation. Students will incorporate this fundamental information into the effective design of massage and bodywork sessions. These fundamental practices contribute to success as an employee, independent contractor, or small-business owner.
Delivery: on campus

TH1040 - Massage Standards and Business Practice - 2 Credits
This course provides an introduction to massage standards and business administration. Students will review the history of massage in the context of understanding contemporary massage requirements, scope of practice, and code of ethics. These standards promote successful and ethical relationships with clients and serve as a foundation for the development of a
start-up business and marketing plan that contributes to success as an employee, independent contractor, or small business owner.

Delivery: on campus

TH1050 - Fundamentals of Massage Therapy Lab - 2 Credits
This course provides an introduction to the fundamentals of therapeutic massage. Throughout the course students progressively classify massage movements, apply massage techniques, demonstrate procedures for a general body massage, and create a professional massage routine for clients in various positions lying and seated. Students will incorporate these fundamentals into the effective design of massage and bodywork sessions in which they combine massage and bodywork techniques for therapeutic benefit. Throughout the course additional emphasis is placed on utilizing proper body mechanics during the massage as part of a practitioner self-care strategy.

Delivery: on campus

TH1060 - Therapeutic Massage Lab - 2 Credits
This course emphasizes the purposeful application of therapeutic massage including increased utilization of various soft-tissue and joint mobilization techniques in the whole body massage routine. During this course, students develop, implement, and document assessments and individualized treatment plans. Students will integrate these techniques into the effective design of massage and bodywork sessions (SLO #1) in which they combine massage and bodywork techniques for therapeutic benefit (SLO #2).

Prerequisite: TH1050

Delivery: on campus

TH1070 - Ethics and Personal Growth Lab - 1 Credit
This course is designed to teach the students the fundamentals of managing physical stress including proper use of breath, relaxation, body alignment, movement techniques, and diet. These fundamentals will be integrated to create a self-care strategy, to provide opportunities for students to participate in professional activities and pursue personal/professional development.

Delivery: on campus

TH2020 - Specialty Massage Techniques - 2 Credits
This course is designed to introduce the student to special populations and advanced massage theories. It will examine Craniosacral Therapy, Myofascial Release, Lymphatic Drainage, Eastern Bodywork, Reflexology and Energy Therapies. Students will learn the theories of these advanced techniques to gain knowledge on how to effectively incorporate them into massage and bodywork sessions.

Prerequisite: SC1221

Delivery: on campus

TH2050 - Specialty Massage Techniques Lab - 2 Credits
Hands on class taken in conjunction with TH2020, students will learn to modify the existing methods of the massage routine to fit the needs of the special population with whom they are working. Students will learn to demonstrate the principles of Eastern Bodywork, Craniosacral Therapy, Lymphatic Drainage, Myofascial Release, Reflexology, Energy Therapies and aromatherapy. Students will incorporate these advanced techniques into the effective design of massage and bodywork sessions in which they combine massage and bodywork techniques for therapeutic benefit.

Prerequisite: SC1221

Delivery: on campus

TH2060 - Neuromuscular Techniques - 2 Credits
This lecture course provides a systematic training program for deep tissue, neuromuscular techniques, and other massage modalities. Course content covers sequential, progressive massage therapy for the entire body. Students will integrate these advanced techniques to create individualized treatment plans for therapeutic benefit.

Prerequisite: SC1221

Delivery: on campus

TH2070 - Neuromuscular Techniques Lab - 1 Credit
Taken in conjunction with TH2060, students demonstrate the integration of deep tissue, neuromuscular techniques and other massage modalities. This lab-based course utilizes hands-on simulation and case studies to explore client scenarios with greater complexity.

Prerequisite: SC1221

Delivery: on campus

TH2100/MT2100 - Mastering Therapeutic Business - 5 Credits
This course is designed to introduce the student to employment options, such as being a self-employed massage therapist or working for a business. The course will include topics such as life planning, success strategies, conscious business, business start-up, business and financial management, therapeutic communications, and marketing.

Prerequisite: TH2050

Delivery: on campus

TH2500 - Massage Internship - 2 Credits
This diploma-level internship emphasizes supervised student clinic activities, preparation for the national certification exam, and employment as a massage professional. Students will incorporate all components of their instruction into the recruiting, screening, orienting, and massaging of clients, as well as, beginning to explore opportunities for massage professionals in their community. The student clinic is an integral part of the training to gain practical knowledge of the therapeutic massage industry.

Prerequisite: Program coordinator approval

Delivery on campus

TH2080 - Special Population Techniques - 2 Credits
This lecture course is designed to introduce the student to special populations and advanced massage theories. It will examine pre/postnatal massage, infant massage, geriatric massage, chronic/terminal illness, hospice, cancer and pain management. Students will learn the theories of these advanced techniques to gain knowledge on how to effectively incorporate them into massage and bodywork sessions.

Prerequisite: SC1221

Delivery: on campus
TH2090 - Special Population Massage Lab - 2 Credits
Hands on class taken in conjunction with TH2020, students will learn to modify the existing methods of the massage routine to fit the needs of the special population with whom they are working. Students will learn to demonstrate pre/post natal massage, infant massage, geriatric massage, chronic/terminal illness, hospice, cancer and pain management. Students will incorporate these advanced techniques into the effective design of massage and bodywork sessions in which they combine massage and bodywork techniques for therapeutic benefit.
Prerequisite: SC1221
Delivery: on campus

TH3010 - Massage Internship - 2 Credits
An integral part of the training to gain practical knowledge of the therapeutic massage industry is an acquisition of practical skills in a clinical/educational setting. The fieldwork provides administrative, observational opportunities, hands-on experience as appropriate, feedback to the student, and learning tasks as appropriate. Fieldwork is completed in a supervised setting at an approved site.
Prerequisite: Program coordinator approval
Delivery: on campus

TOURISM AND HOSPITALITY MANAGEMENT (TM)

TM1000 - Introduction to Tourism and Hospitality Management - 4.5 Credits
This course provides learners with a basic knowledge of all the activities associated with the tourism and hospitality industry. Students explore lodging, food service, events, conventions, concerts, gaming, resorts, parks, and attractions. The students learn what products, services, and experiences these facilities provide. Students also learn how the industry is divided into segments of professionals, including facility operators, conveyance operators, activity managers, and sales and promotion personnel. Students learn what types of customers are served by the industry.
Delivery: on campus

TM2000 - Food Service and Lodging Management - 4.5 Credits
This course provides information on techniques involved in managing the full range of lodging and food services facilities. The course addresses the full range of lodging facilities and food service facilities. Students learn the various tasks employees and management personnel perform to deliver products and services experiences to customers. There is discussion of the elements that build quality and success into these types of businesses.
Prerequisite: MT2050
Delivery: on campus

TM2050 - IT Applications for Tourism and Hospitality - 4.5 Credits
The goal of this course is to familiarize students with the information technology tools that are used in the tourism and hospitality industry. These include tools like 800-number reservation systems, e-mail, Web sites, computerized reservation systems that are used for lodging and airlines, and software that is used to manage tourism and hospitality facilities.
Prerequisite: CI1150 or placement recommendation
Delivery: on campus

TM2250 - Destination Tourism - 4.5 Credits
The goal of this course is to provide information on the many types of facilities that attract people from long distances. These include casinos, resorts, parks and attractions. It discusses the types of products, services and experiences these facilities provide to customers. The course discusses the tasks that must be executed by employees and managers. There is discussion of the elements that build quality and success into destination tourism.
Delivery: on campus

TM2500 - Tourism and Hospitality Marketing - 4.5 Credits
The goal of this course is to provide students with tools to participate in the marketing and sales aspects of the tourism and hospitality industry. The course covers the wide variety of marketing and sales tools that are used by business and government to promote the travel and hospitality industry. Marketing strategy and philosophy are discussed as they apply to the tourism and hospitality industry. There is discussion of the elements that build success into marketing of this industry.
Prerequisite: MG1050/TM1000
Delivery: on campus

TM3100 - Event and Convention Management - 4.5 Credits
A significant portion of the travel industry serves customers attending events and conventions. Students learn about the many types of products, services and experiences that are provided to customers who attend events and conventions. In turn, the course will address the tasks that must be executed by workers and managers at events and conventions. There is discussion of what elements build quality and success into event and convention management.
Prerequisite: MT2050
Delivery: on campus

TM4500 - Internship - 4.5 Credits
The purpose of this internship is to give the student experience in applying what he or she has learned in the classroom by working in a business or government environment. The student’s responsibility is agreed upon in advance by the student’s advisor, the business entity, and the student. Successful completion requires a written report by the student detailing the experience gained during the internship and successful completion of the projects assigned by the business supervisor(s).
Prerequisite: Junior or Senior status
Delivery: on campus
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Matthew Painter, BS, Mountain State University (1999); BS, Mountain State University (2000); MS, Mountain State University (2002).

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Bloomington

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Director of Admissions,
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Director of Affiliate Operations

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Patrick Jones, BS, IT Networking; BS, IT Web Page Development; BS, IT Programming, National American University (2003).

Director of Information Technology

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Associate Director of Admissions
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Laura Bean, Bachelor of Liberal Science, University of Missouri Kansas City (2001); MA, University of Missouri-Columbia (2003); MA (2006).

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Regional Legal Studies Program Coordinator

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Peggy Schlechter, BS, South Dakota State University (1984); MS, South Dakota State University (2006).

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Campus Librarian
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Director of Admissions
Nancy Meason

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Gene Muilenburg, BS, Augustana College (1967); MA, Concordia University (1999).

Academic Dean
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Director of Admissions
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Regional Campus Librarian/Assessment Coordinator

Medical Assisting Program Coordinator
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Therapeutic Massage Program Coordinator
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Pharmacy Technician Program Coordinator
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Sioux Falls
Campus Executive Officer
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Academic Dean
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Director of Admissions

Catholic Librarian
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Paralegal Studies Program Coordinator
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Medical Assisting Program Coordinator
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Pharmacy Technician Program Coordinator
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Therapeutic Massage Program Coordinator
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Assessment Coordinator
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Watertown
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Administrative Assistant

Academic Coordinator
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Director of Admissions
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Financial Aid/Student Accounts Service Representative

Admissions Representative

Wichita
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Academic Dean
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Zona Rosa
Campus Executive Officer
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Academic Dean
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Medical Assisting Program Coordinator
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Nursing Program Chair
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Regional Legal Studies Program Coordinator
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Clinical Laboratory Science Program Coordinator
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Colorado Springs Campus
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John Ellison, President, anSolutions, Austin, TX.
John McMaude, Financial Advisor, Austin, TX.
William Perry, Business Advisor, Small Business Development Center, Austin, TX.
Maria Talamo, Chief Operating Officer, Smart Allergy Labs, Austin, TX.

Colorado Springs Campus
Ernest Edwards, Lt Col, USAF (Ret).
Bryant Haggen, EDS, Colorado Springs, CO.
Amy Lenig, National American University, Colorado Springs, CO.
Rita Pantoya, Military/Business Affairs, Colorado Springs Chamber of Commerce.
AJ Riviezzo, Owner, American Physician Financial Solutions, LLC.
John R. Tavernier, Missile Defense Agency, Colorado Springs, CO.

Christopher M. Turner, Attorney at Law, Koncilja & Koncilja, PC.

**Denver Campus**

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Dr. Gloria De la Vara, De la Vara Chiropractic, Denver, CO.

Dr. Augustine Rios, Jewish Hospital Research Center, Denver, CO.

Marshall Robin, Pencol Pharmacy, Denver, CO.

Robert Siegel, Mediat, Minneapolis, MN.

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**Independence/Overland Park/Zona Rosa Campus**

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Celeste Gruhin, Human Resources Recruiter, United Parcel Services, Lenexa, KS.

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Horace Smith, Employment and Personal Relations Manager, J.C. Penney Co., Inc., Kansas City, MO.

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**Roseville Campus**

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**Sioux Falls Campus**

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**Athletic Training Education Program**

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**Business Programs**

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Medical Assisting Program - Roseville
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Cindy Mulroy, Public Member, Big Lake, MN.
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Medical Assisting Program - Sioux Falls
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Medical Assisting Program - Colorado Springs
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Josephine Ssenkungo, RN, MSN, Faculty, National American University, Denver, CO.
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Robyn Waters, Student, National American University, Denver, CO.
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PN, ASN Mobility, BSN and LPN to BSN Bridge Programs - Overland Park

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Stacie Blackwell, RN, Nurse Manager, Mid-American Rehabilitation Hospital, Overland Park, KS.
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Kathy Grimes, RN, Director of Nursing Service, Shawnee Gardens Healthcare & Rehabilitation Center, Shawnee, KS.
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Vicki Holmes, RN, Assistant Director of Nursing Service, Shawnee Gardens Healthcare and Rehabilitation Center, Shawnee, KS.
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Janette Kilpatrick, RN, Education Coordinator, Lawrence Memorial Hospital, Lawrence, KS.
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Sonia Thomas, RN, Chief Nursing Officer, Research Medical Center, Kansas City, MO.

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Associate of Science in Nursing Program - Zona Rosa

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**Bachelor of Science in Nursing Program – Bloomington**

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**Paralegal Studies Program - Kansas City Region**

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Yuliya Scott, Attorney, Faculty Member, National American University.

Al Spungen, Academic Dean, Overland Park Campus.

Lisa Wright, Paralegal, Spencer Fane, Overland Park.

**Paralegal Studies Program - Rapid City**

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Jeff Fransen, Attorney, Duffy Law Office, Rapid City, SD.

Rochelle Hagel, Lay Person, NAU Admissions Department, Rapid City, SD.

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**Paralegal Studies Program - Sioux Falls**

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Todd Kolb, PGA., Sioux Falls, SD.
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Angie Olseth, Paralegal, Crew and Crew, Canton, SD.
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Pharmacy Technician Program - Minnesota Region

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Sue Schaubenschlager, CPhT, AAS, Pharmacy Technician, National American University (2009).
Pat Schommer, MA, CPhT; System Pharmacy Technician Program Chair, National American University, Roseville, MN.
Kathy Schultz, PharmD, FASHP, Director of Pharmacy, Bethesda Hospital, ASHP Board of Directors.

Pharmacy Technician Program – Sioux Falls

Troy Ahrens, CPhT, Pharmacy Technician Graduate, National American University, Sioux Falls, SD.
Jennifer Bertsch, CPhT, Cigna Tel-Drug, Production Floor Supervisor, Sioux Falls, SD.
Amanda Bohlen, CPhT, Pharmacy Technician Student, National American University, Sioux Falls, SD.

Tracy Bultena, BS, AAS, CPhT, Pharmacy Technician Program Coordinator, National American University, Sioux Falls, SD.
Marilyn Carlson-Aronson, EdD, Academic Dean, National American University, Sioux Falls, SD.
Jenni Drexler, RPh, Quality Pharmacist, Cigna Tel-Drug, Sioux Falls, SD.
Tawny Erickson, CPhT., Omnicare of South Dakota, Order Entry Pharmacy Technician, Sioux Falls, SD.
Naomi Graves, PharmD, Lewis Drug, Staff Pharmacist, Sioux Falls, SD.
Lori Hendricks, RPh, Veterans Administration Medical Center, Staff Pharmacist, Sioux Falls, SD.
Ron Huether, RPh, South Dakota Board of Pharmacy, Executive Secretary, Sioux Falls, SD.
Bill Ladwig, RPh, Lewis Drug, VP Professional Services, Sioux Falls, SD.
Megan Maddox, PharmD, Sanford Health System, Medication Safety Officer, Sioux Falls, SD.
Cathie Ogdie, MS, DLM (ASCP), MT (ASCP) Medical Assisting Program Coordinator, National American University, Sioux Falls, SD.
Steve Petersen, PharmD, Avera McKennan Hospital and University Health Center, Director of Pharmacy, Sioux Falls, SD.
Lindsay Serbousek, AAS, CPhT, Administrative Assistant to VP Professional Services, Lewis Drug Corporate Office, Sioux Falls, SD.
Kelly Schroer, CPhT, Pharmacy Specialities, Inc., Pharmacy Lab Technician, Sioux Falls, SD.
Danny Weiss, PharmD, DAKOTACARE, Clinical Pharmacist, Sioux Falls, SD.
Jodi Wendte, PharmD, Avera McKennan Hospital and University Health Center, Staff Pharmacist, Sioux Falls, SD.
Diane Yager, CPhT, Walgreens, Senior Pharmacy Technician, Sioux Falls, SD.

Online RN to BSN Program

Charlotte Adams, RN, BSN, Chief Nursing Officer, Heartland Spine and Specialty Hospital, Overland Park, KS.
Marcella Atwater, RN, MS, Online RN to BSN Program Associate Faculty, National American University, Durham, NC.
Marcia Benning, RN, Public Health Specialist, South Dakota Department of Health, Hill City, SD.
Ebony Fisher, RN, MSN, Online RN to BSN Program Chair, National American University, Kansas City, MO.
Rita Haxton, RN, MSN, Vice President of Patient Care, Rapid City Regional Hospital, Rapid City, SD.

Carolyn Kiefer, RN, BSN, National American University Program Graduate, Lawrenceville, GA.

Susie Law, Vice President of Clinical Resources, Health Care Corporation of America Midwest Division, Kansas City, MO.

Michelle MacDonald, RN, MA, PHN, Online RN to BSN Program Associate Faculty, National American University, Proctor, MN.

Heather Roberts, RN, MSN, Online RN to BSN Nursing Student Advisor and Online Faculty Member, National American University, Kansas City, MO.

Diane Schiffer, RN, MSN, Online RN to BSN Program Associate Faculty, National American University, Westerville, OH.

**Therapeutic Massage Program - Roseville**

Michael Bawek, D.C., Normandale Chiropractic, Bloomington, MN.

Carrie Bates Hale, Therapeutic Massage Coordinator, National American University.

Rachel Franklin-Krause, D.C. Health and Wellness Center, Edina, MN.

Candace Linares, BA, MCMT, Children’s Hospital and Clinics of Minnesota, Minneapolis, MN.

Amy Madow, National American University, Roseville, MN.

Sharon Pollock, MS, BS, MST, St. Croix Gardens, Hudson, WI.

**Therapeutic Massage Program - Sioux Falls**

Lexi Fredrickson, Licensed Massage Therapist, Sioux Falls Chiropractic, Sioux Falls, SD.

Sara Helgerson, Marsh Chiropractic, Sioux Falls, SD.

Marcia Jones, Program Director, McKennan Center for Health and Fitness, Sioux Falls, SD.

Teena Nuttbrock, Prairie Massage, Sioux Falls, SD.

Dr. Benjamin Oien, Oien Family Chiropractic, Sioux Falls, SD.

Dr. Corey Touney, Excel Chiropractic and Rehabilitation, Sioux Falls, SD.

Joyce Voss, Executive Secretary, Sioux Falls, SD.

Laura Woitte, MSAS, Therapeutic Massage Coordinator, National American University.

**Veterinary Technology Program**

John Allan, DVM, South Dakota Animal Industry Board, Area Veterinarian.

Tami Bremer, RVT, Canyon Lake Veterinary Hospital, Rapid City, SD.

Penny Dye, DVM, Dakota Hills Veterinary Clinic, Rapid City, SD.

Ken Ireland, DVM, Northern Hills Veterinary Clinic, Sturgis, SD.

Carter Johnson, Territory Manager, MWI Veterinary Supply, Rapid City, SD.

Susan Jones, DVM, Noah’s Ark Animal Hospital, Rapid City, SD.

Michelle Lutheran, RVT, Dakota Hills Veterinary Clinic, Rapid City, SD.

Lynne Mazzone, VMD, Mountain View Animal Hospital, Rapid City, SD.

Teri Schweiss, DVM, Mountain View Animal Hospital, Rapid City, SD.

Christine Teets, DVM, Banfield, Rapid City, SD.

George Twitero, DVM, Black Hills Animal Hospital, Rapid City, SD.

Becky Wagner, DVM Animal Clinic, Rapid City, SD.
NATIONAL AMERICAN UNIVERSITY

FACULTY

This list reflects the names of full-time faculty and core associate faculty who teach for the university. Please note that inclusion in this list is not a guarantee that a faculty member will be teaching throughout the academic year.

Albuquerque/Rio Rancho

Vincent Abt, BS, Business Management, University of Phoenix (1999); MBA, University of Phoenix (2000); BS, Information Technology, National American University (2003).

Paul Acuff, BA, English, University of California (1967); MBA, University of Phoenix (1999); A+ Certification.

Peter Ambs, AS CIS, College of Santa Fe (1989); BA, Business Administration, College of Santa Fe (1990); MS, College of Santa Fe (1995); MCSE.

Elizabeth Baros, BA, Public Administration, College of Santa Fe (1994); MA, Human Resources Development, Webster University (1996).

Teri Bentacu, AS, Medical Lab Technician, Central New Mexico Community College (2001); BSBA, Management, Colorado Technical University (2005); MBA, Business, University of Phoenix (2007).

Calvin Boyd, BA, Biological Sciences, University of Colorado (1974); MD, The George Washington University (1980).


Daniel Casados, AS, Nursing, University of New Mexico (1986); BS, Nursing, University of New Mexico (1993); MS, Nursing, University of New Mexico (2002).

Keith Clark, BBA, Financial Management, University of New Mexico (1995); MBA, Tax Accounting, University of New Mexico (2001).

Linda Devine, BA, Individualized Studies, Keene State College (1989); MA, Humanities, California State University (1994).

Kathryn Dove, BA, Philosophy & Political Science, Virginia Polytechnic Institute & State University (1995); JD, University of San Diego, School of Law (1998).

Char Gamble, BS, Information Technology, University of Phoenix (2003); MBA, Business Administration, University of Phoenix (2005).

Theresa Hadden-Martinez, AD, Nursing, Northwestern State University of Louisiana (1977); BS, Nursing, Northwestern State University of Louisiana (1983); MCSE; MCSE +I; MCT.

Lois Harmeson, BA, Philosophy/Psychology, Carroll College (1949); MA, Counseling Services, Webster University (1983).


Jill Kissinger, BS, Business, University of Colorado (1985); JD, University of Denver (1990).

Michael Kline, BA, Communication, University of New Mexico (1998); MA, Human Resources Development, Webster University (2000).

Gary Malvin, AB, Music, University of Michigan Ann Arbor (1976); PhD, Medical Sciences, University of New Mexico (1983).


Jill Medeiros, BA, English, Ohio State University (2002); MA, English, Wright State University (2004).

Charles Milazzo, BS, Accounting, University of New York (1975); MBA, Business Administration, University of Phoenix (2003); DM, Organizational Leadership, University of Phoenix (2008).


Melissa Orrell, BS, General Finance, Metro State (2004); MS, Personal Finance, Texas Technical University (2005); MS, Finance, Texas Technical University (2006).

Donna Owens, BA, Psychology, University of Colorado (1989); MA, Organizational Management, University of Phoenix (1999).

Jim Peaslee, BSIM, Industrial Management, University of Cincinnati (1960); MBA, University of Oklahoma (1970).

Juanita Quintana-Frazier, BA, Management, University of Phoenix (1997).

Nancy Reddish, BS, Home Economics, University of New Mexico (1970); MA, Speech Communications, University of New Mexico (1987).


Theresa Romero, BS, Nursing, University of North Dakota (2006).
Babette Saenz, BA, Spanish, New Mexico State University (1977); MPA., University of New Mexico (1983); MS, Oriental Medicine, Southwest Acupuncture College (2005).

Mike Smith, BS, Applied Management, National American University (2000); MA, Organizational Management, University of Phoenix (2003).

Patricia Stans, BS, Physics, New York University (1963); PhD, Education Administration, New Mexico State University (1976).

Karen White, AA, Law Enforcement, University of New Mexico (1981); BS, Education, Northern Illinois University (1971); BA, Criminal Justice Administration, Mt. Mercy College (1982); MA, Elementary Education, University of New Mexico (1988); MA, Counseling, Western New Mexico University (1993); MA, School Administration, Western New Mexico University (1996).

Austin


Anthony Choueifati, BA, Psychology, University of Houston (2002); JD, South Texas College of Law (2005).

William Dodd, BS, Accounting, University of Maryland (1987); MBA, Business Administration, University of Phoenix (1992).

Rebecca Lorins, BA, English, Oberlin College (1992); PhD, Comparative Literature, University of Texas (2007).

Richard Miller, BA, History, University of Missouri (1971); MA, History, University of Missouri (1973); PhD, History, University of Missouri (1981).

Clint Moore, BA, History, Texas A&M University (1997); JD, Lewis & Clark College (2000); MA, History, Texas State University (2007).

Matthew Painter, AS, Business Administration, Mountain State University (2001); BS, Health Care Management, Mountain State University (1999); BS, Business Administration, Mountain State University (2000); MS, Strategic Leadership, Mountain State University (2002).

William Perry, BS, Psychology, Texas State University (1978); MBA, Texas State University (2006).

Kieran Sikdar, BS, Industrial Systems Engineering, Ohio State University (2006); MS, Civil Engineering, Ohio State University (2008); MS, Industrial and Systems Engineering, Ohio State University (2008).

Viviana Vera, BS, Management/Human Resources, Park University (2001); MBA, University of Phoenix (2005).

Mark Winkleman, BA, French, Wabash College (1982); MA, French, Indiana University (1985); PhD, French, University of Illinois (1995).

Bloomington

Michael Bawek, BS, Human Biology, Northwestern Health Science University (2003); Doctor of Chiropractic Northwestern Health Sciences University (2003); Licensed Chiropractor.

Anatoliy Bekrenev, BS, Physics, Petrozavodsk State University (1966); MS, Physics, Petrozavodsk State University (1966); PhD, Physical-Mathematical Science, Karkrov State (1971).

Robert Collins, BS, Business Administration, University of Southern California (1960); MBA, Marketing, New York University (1969).

Tony Her, MD, Spartan Health Sciences University (2005).

Shannon Hietz, BA, Psychology, St. Olaf College (1993); JD, Hamline University (1997).

Karne Johnson, BS, English, University of Minnesota (1973).

Michael Kinghorn, BFA, Theatre Arts, University of North Dakota (1976); MFA, Dramaturgy, Yale School of Drama (1991).

James Leduc, BA, Theatre of Arts, Millsaps College; MFA., Drama, University of Oklahoma (2008).

Jane Lenz, BA, Economics and Business, Drake University (1979); MA, Management, College of St. Scholastica (2002).

Mai Yia Lor, BA, Physiology, University of Minnesota (2005).

Tamara Mattison, BA, Organizational Management & Communication, Concordia University (2000); MA, Organizational Leadership, Bethel University (2002).

Juliet Mitchell, BA, Accounting, Southern University (1980); MA, Human Development, St. Mary’s University (2004).

Maria Murad, BA, English, University of Minnesota (1979); MA, English, University of Minnesota (1982).

Timothy Nagle, BS, Speech and Art, Northern Michigan University (1972); BS, Computer Science, Oregon State University (1981); MA, Educational Psychology, University of Minnesota (1992); PhD, Educational Psychology, University of Minnesota (2001).

Brian Olson, BA, Individualized, Metropolitan State University (2004); MA, Technical Communications, Metropolitan State University (2007).

Kara Postier, BA, Criminal Justice, Hamline University (2001); MA, Criminal Justice, Concordia University (2007).
Roger Sage, BS, English/History, Iowa State University (1979); MBA, Cardinal Stritch University (2003).


Charles Scott, BS, Business, University of Minnesota (1967); MBA, Xavier University (1970); CPA.

Stephanie Skwiers, BS, Mathematics, University of Michigan (2005); MS, Statistics, Western Michigan University (2007).

Brooklyn Center

Ella Ackermann, BS, Organizational Administration, Northwestern College (1991); MBA, Cardinal Stritch University (2003).

Akm Ashaful Alum, BS, Computer Science, Winona State University (1998); MS, Software Systems, University of St. Thomas (2002).

Andrian Belinschi, BS, Computer Engineering, Moldova Technical University (1990); MS, Computer Engineering, Moldova Technical University (1990); Certificates: C++, C, SQL, Sun Certified Programmer.

Elena Belinschi, BS, Math, Moldova State University (1992); MA, Math, Moldova State University (1992).

Robert Collins, BS, Business Administration, University of Southern California (1960); MBA, Business Administration, New York University (1969).

William Fietzer, BA, University of Wisconsin (1971); MA, English, University of Wisconsin (1974); MA, Library and Information Studies, University of Wisconsin (1989).


Brian Gravely, BA, History, Western Kentucky University (2001); JD, Hamline University (2004).

Diane Harayda, BA, Healthcare Administration, Metropolitan State University (1991); MA, Educational Administration, University of St. Thomas (1999).

Richard Hechter, BA, Psychology, University of Minnesota (1985); JD, William Mitchell College of Law (1988).

Tony Her, MD, Spartan Health Sciences University (2005).

Jennifer Hilleren, BS, Community Health, St. Cloud State University (1993).

Jerry Klein, BA, Political Science, Marquette University (1977); BA, Philosophy, Marquette University (1977); JD, William Mitchell College of Law (1981).

Walter Lambert, BS, Chemical Engineering, University of Cincinnati (1967); MS, Chemical Engineering, University of Cincinnati (1969); PhD, Civil Engineering, University of Texas (1975); MBA, University of Texas-Austin (1989).


Li Liu, BS, Physics, Beijing Normal University (1991); MS, Mathematics Computer Science, Eastern Michigan University (1999).

Mai Yia Lor, BA, Physiology, University of Minnesota (2005).

Kevin Mayo, BA, Chemistry and Biology, Boston University (1976); MS, Chemistry, University of Massachusetts (1978); PhD, Chemistry, University of Massachusetts (1980).

Douglas Meyer, AAS, Business Administration, National American University (1982); BS, Business Administration, National American University (1983); BS, Computer Information Systems, National American University (1995); MOUS.

Jesenia Morales, BA, Accounting, Augsburg College (2006); MBA, Augsburg College (2008).

Timothy Nagle, BS, Liberal Arts/Science, Northern Michigan University (1972); BS, Computer Science, Oregon State University (1981); MA, Educational Psychology, University of Minnesota (1992); PhD, Educational Psychology, University of Minnesota (2001).

Dirk Nelton, AA, Inver Hills Community College (1998); AAS, E-Commerce, Brown College (2002); BA, Physiology, University of Minnesota (2007).

Eleanor Ohito, BS, Zoology, Central Mindanao University (1984); MAT, Biology, University of San Carlos (1994).

Stanley Peterson, BS, Accounting, National American University (2006).

Peter Polski, BS, Human Biology, Minnesota State University (2004); BA, Spanish, Minnesota State University (2004); DC, Chiropractic, Northwestern Health Science University (2009).

Emily Pye, BA, English/Women's Studies, St. Olaf College (2000); MA, Liberal Studies, Hamline University (2008).

Eleanor Schultz, BA, Business Education, California State College at Los Angeles (1968); MA, College of St. Thomas (1980); EdS, Education Specialist, College of St. Thomas (1981).

Pamela Schumacher, BS, Mechanical Engineering, Texas A&M University (1991); MS, Mechanical Engineering, Texas A&M University (1994).

Charles Scott, BS, Business, University of Minnesota (1967); MBA, Xavier University (1970); CPA.

Stacy Stoldorf, BS, Speech Communication, Minnesota State University (1998); MS, Counseling-College Development, Minnesota State University (2001).
Nick Tasler, BA, Psychology, University of Iowa (2000); MS, Industrial Organizational Psychology, National University (2006).

Greg Walsh, BA, Business Administration, College of St. Thomas (1974); MBA, Business Administration, Henderson State University (1977).

Jay Williams, AB, Anthropology, Princeton University (1993); MA, Social Sciences, University of Chicago (2000).

Carissa Wyant, BA, Religion and Justice Studies, Wellesley College (2002); MA, Religion, Yale University (2004).

Colorado Springs

Terri Ayers-Fisher, AA, Associate of Arts, Pikes Peak Community College (1998); BS, Health Promotion Wellness, Colorado State University (2005).

Sandra Briggs, BS, Math Science/Mathematics, Southern Utah University (1994); MA, Liberal Studies, Regis University (2000); MBA, Regis University (2002); EdD, Educational Leadership, NOVA Southeastern University (2006).


Catrina Carrington, BA, English, University of Colorado (2000); MA, Journalism, Syracuse University (2002).

Michael Cooley, BS, Personnel Administration, University of Cincinnati (1982); MA, Counseling Psychology, Lesley University (1989); PhD, Union Institute and University (1999).

Andrawis Dabit, BS, Chemical Engineering, Aristotelien University of Salonica (1978) MS, Chemical Engineering, Aristotelian University of Salonica (1978).

Michael J. Dillon, BA, Psychology, University of Notre Dame (1974); MA, Psychology, Western Michigan University (1977); PhD, Psychology, Western Michigan University (1981).

Molly Dumont, Diploma, Licensed Practical Nurse, Northern Maine Community College (1992); AS, Medical Secretarial Science, Husson College (1972); AAS, Nursing, Northern Maine Community College (1994); BSN, Registered Nurse, University of Northern Maine-Fort Kent (1992).

Ernest Edwards, BS, Business Management, University of South Carolina (1967); MM, Management, University of Phoenix (2005).

Bob Garrity, BS, Business Administration, Providence College (1957); MEd, University of Oklahoma (1968).

Cynthia Gibson, BS, Medical Technology, Augusta College (1977).

Don Gienty, BS, Forestry, University of New Hampshire (1960); MA, Management, Webster University (1977).

Robert Goodman, BA, Business Administration, St. Leo University (1991); MS, Traditional Chinese Medicine, Colorado School of Traditional Chinese Medicine (2008).

Cynthia Hamilton, BS, Applied Management, National American University (1998); MBA, Business Administration, Regis University (2000).


Diane Heinemann, BS, Secondary Education, Mathematics, Kansas State University (1972); MEd, Lesley University (1995).

Don Heinemann, BS, Elementary Education, Kansas State University (1973); MEd, Computers in Education, Leslie University (1989).


Anwar Hussein, BS, Business, Ferris State University (1989); MS, Accountancy, Ferris State University (1990).

Mark Jones, BA, Biology, University of Colorado (1979).

Paul Jones, BS, Industrial Technology, Mississippi State University (1966); MA, Business, University of Nebraska (1976).

James P. Kanaby, BS, Biology, Oakland University (1987); MA, Secondary Education, Grand Canyon University (1994).

Amy S. Lenig, BA, Spanish, Millersville University (1987); MBA, Texas A&M University (1993).

Charles Lewis, BS, Engineering, United States Naval Academy (1953); MS, Business Administration, University of Northern Colorado (1977).

Debra Mahoney, BA, English, Buena Vista University (2002); MA, Education Curriculum, University of Phoenix (2005).


Michael Mynyk, BS, Business Management, Park College (1978); MBA, Business Administration, New Mexico Highlands University (1986).


Jonathan Palmer, BA, Marketing, University of Northern Iowa (1989); MS, Computer Information Systems, University of Phoenix (2002).

Andrea Reu, BA, Political Science, University of Oregon (1983).

A.J. Riviezzo, BA, Business Administration, Columbia College (1990); MBA, Webster University (1993).


Jeff Turner, AS&A, General Studies, Brigham Young University (2003); BS, Biology, Brigham Young University (2006); DC, Chiropractic, Palmer College of Chiropractic (2010)


**Colorado Springs**


Michael Dillon, BA, Psychology, University of Notre Dame (1974); MA, Psychology, Western Michigan University (1977); PhD, Psychology, Western Michigan University (1981).

Don Gienty, BS, Forestry, University of New Hampshire (1960); MA, Management, Webster University (1977).

Don Heinemann, BS, Elementary Education, Kansas State University (1973); MEd, Computers in Education, Lesley University (1989).

Diane Heinemann, BS, Secondary Education/Mathematics, Kansas State University (1972); MEd, Lesley University (1995).

Paul Jones, BS, Industrial Technology, Mississippi State University (1966); MA, Business, University of Nebraska (1976).

Jonathan Palmer, BA, Marketing, University of Northern Iowa (1989); MS, Computer Information Systems, University of Phoenix (2002).

A.J. Riviezzo, BA, Business Administration, Columbia College (1990); MBA, Webster University (1993).


Denver

Janet Berti, BS, Nursing, Adelphi University, (1966); MSN, Nursing, Adelphi University, (1977); MD, Ross University, (1988).

Gerald Burke, AA, Business Administration, Sandhills Community College (1982); BS, Business Administration, St. Augustine’s College (1984); MA, Organizational Management, University of Phoenix (1998).


Gloria De La Vara, BA, Communications (1998); D.C., Palmer College of Chiropractic (1997).


Chris Feron, DO, Texas College of Osteopathic Medicine (1985).

Kacey Jechura, BS, Psychology, Georgia Southern University (1999); MA, Psychology, University of West Georgia (2001).


Mark Kunert, BS, Biology, Northern Michigan University (1967); DO, Kirksville College of Osteopathy and Surgery (1971).


Gus Phelps, BS, Accounting, Metro State College (1991); MBA, Colorado State University (2002).

Daniel Rahtz, BA, Interdisciplinary Studies, University of Missouri (1982); MA, Geography, University of Kansas (1985).


Augustine Rios, BS, Biology, Colorado State University (1996); MD, University of Colorado (2002).

Barry Spindler, BA, Psychology, University of Northern Colorado (1983); MBA Business Administration, University of Colorado (1994).

Adam Toso, BA, Pre-professional Health, Minnesota State University of Moorhead (2003); DC, Western States Chiropractic College (2007).

Kristina Tyner, BS, Genetics and Microbiology, Monash University (2001); PhD, Biological Sciences, University of Colorado (2005).
Denise Walter, BSN, Regis University (1996); RN.
Melville Wear, CT, Practical Nursing, Community College of Denver (1975); CT, Transcultural Nursing, University of Northern Colorado (2008); ASN, Community College of Denver (1980); BSN, Metropolitan State College of Denver (2000); MSN, University of Northern Colorado (2008); RN.
Richard White, BA, History, University of Hawaii (1973); MBA, Chaminade University of Honolulu (1986).

Distance Learning
Dee Adkins, AS, Nursing, Hillsborough Community College (1997); AA, St. Petersburg Jr. College (2000); BS, Nursing, University of South Florida (2001); MSN, Nursing Education, Indiana University (2008).
Melissa Aho, AA, Anoka-Ramsey Community College (1992); BA, History, St. Cloud State University (1994); BA, Art History, University of Minnesota (1999); MS, Anthropology, University of Wisconsin (1998); Master Library and Information Science, Dominican University (2001); MA, Art History, University of St. Thomas (2009).
Kim Alarie, BA, English, Huron College (1986); MA, English, University of South Dakota (1990).
Margie Andrist, BS, Public Relations, University of Central Missouri (1994); MSM, Management, Baker University (2007).
Marcella Atwater, BS, Nursing, North Carolina A&T State University (1976); MS, Nursing, Hampton University (1991); MA, Counseling, North Carolina Central (2002).
David Auchter, BA, English, Denison University (1980); MA, Linguistics, University of Houston (1987); PhD, English, University of Houston (2000).
Nick Bergen, BA, Economics, Saint Louis University (2002); MS, Economics, Florida State University (2004).
Karine Blackett, BIS, Individualized Studies, University of Minnesota (1988); MS, Student Affairs in Higher Education, Colorado State University (1995); EdD, Educational Administration, University of South Dakota (2008).
Bipin Bora, BT, Mechanical Engineering, Indiana Institute of Technology (1983); MS, Mechanical Engineering, Case Western Reserve University (1985).
David Bouvin, BA, Psychology, Roberts Wesleyan College (1992); MBA, Argosy University (1998); DBA, Information Systems, Argosy University (2000).
Mary Bowman, BS, Medical Record Administration, Chicago State University (1981); MPH, Public Administration, Roosevelt University (1991).
Kelly Brayman, BSBA, Marketing, West Virginia University (1999); MBA, Health Administration, Eastern University (2004).
Bradley Bridges, BS, Political Science, Florida State University (1996); MBA, Management, Wake Forest University (2001).
Heidi Bruno, BSBA, Finance, University of Florida (1998); BSBA, Management, University of Florida (1998); MA, Accounting, Florida Atlantic University (2007).
Lisa Bruno, BA, Administration of Justice, Salve Regina University (1993); MA, Criminal Justice, Anna Maria College (1997); JD, Massachusetts School of Law (2000).
Katrina Bynes, BS, Accounting, National American University (1998); MBA, Regis University (1999).
Rowland Cadena, BA, English, St. Mary’s University (1998); MA, English Literature and Language, St. Mary’s University (2000).
Shawn Callanan, BS, Spanish, Black Hills State University (2000); MA, Curriculum and Instruction, Black Hills State University (2007).
Lisa Campbell, CERT, Cooling, Moraine Valley (2001); AAS, Medical Assisting, Robert Morris (1996); BBA, Business Administration, Robert Morris (1997); MHA, Health Care Administration, Governors State University (2000).
Catrina Carrington, BA, English, University of Colorado (2000); MA, Journalism, Syracuse University (2002).

Natasha Cauley, BS, Health Information Management, University of Alabama (2000); MPH, Public Health, University of Alabama (2002).

Seth Chaikin, BS, Business Administration, University of Kansas (1997); MAIS, Accounting and Information System, University of Kansas (1998).


Tammy Coleman-Card, ASN, Nursing, Lawson State Community College (1994); BSN, Nursing, University of Alabama (2001); MPA, Public Administration, University of Alabama (2004).

SheKendra Collins, BS, Business Administration, Tuskegee University (2002); MAM, Applied Mathematics, Auburn University (2005).

Ian Connors, BS, Criminal Justice, Sacramento State University (2001); MS, Criminal Justice, University of Wisconsin (2004).

David Courson, BA, Zoology, Southern Illinois University (1969); MBA, University of Wyoming (1975); MA, Public Administration, University of Northern Colorado (1980).

Ebony Crump, BA, Business Administration, National-Louis University (2002); MBA, National-Louis University (2006).

Marcie Cudmore, BS, Sociology, Black Hills State University (2003); MBA, Management Emphasis, National American University (2007).

Fadi Dajani, BBA, Business Administration, Wichita State University (1995); MBA, Wichita State University (1997); MS, Computer Resources and Information Management, Webster University (2000).

Kristopher Dane, BS, Management/Finance, Park University (2005); MBA, Park University (2006).

Quentin Dane, BS, Accounting, Missouri Western State University (1996); MBA, Business Administration, Rockhurst University (2005).


Michelle Davis, BS, University of Nebraska (1998); MPAS, University of Nebraska (2000).

Vivian Derby, Diploma, Nursing, St. John's School of Nursing (1973); BA, Management of Health Services, Ottawa University (1997); MA, Human Resources, Ottawa University (2001).

Mary Dershiwsky, BS, Education/Math, Southern Connecticut State University (1974); MS, Accounting, University of New Haven (1977); PhD, Management, University of Massachusetts (1985).

Linda Devine, BA, Individualized Studies, Keene State College (1989); MA, Humanities, California State University (1994).

Michael Dick, BS, Management Information Systems, Park University (1991); MBA, Business Administration, University of Central Missouri (1994).

Cheryl Dixon, BA, General Studies, University of Louisiana (1999).

Sally Ann Dodge, BS, Mathematics, State University of New York (1972); MAT, Mathematics, Webster University (2005).

Judy Domalewski, BS, Business Administration, University of South Dakota (1986); MS, Organizational Management, University of Phoenix (2000).

Jennifer Duffey, DIP, Medical Assistant, Concorde Career College (2004); BA, Elementary Education, University of Missouri (2003); MBA, Health Care/Health Services Management, Park University (2009).

Crystal Dye, BS, Psychology, Milligan College (2003); MIT, Information Technology, American InterContinental University (2005).

Carolyn Edmonds, DIP, Nursing, Muncie School of Nursing (1984); AAS, Medical Assisting, Ivy Tech Community College (1993); BA, Health Care Administration, Concordia University (2000); MA, Adult Education, University of Phoenix (2008).

Angela Edwards, BS, Biological Sciences, Illinois State University (2002); MS, Biological Studies, Illinois State University (2005).

Cynthia Fillmor, BA, English, San Diego State University (1998); MA, English, San Diego State University (2002); PhD, English, University of New Mexico (2008).

Kathy Fraser, BS, Management Information System, National American University (2002); MS, Management of Technology, University of Minnesota (2006).

Elisa Fredericks, BS, Marketing, New York University (1974); MBA, New York University (1975); PhD, Marketing, University of Illinois at Chicago (2002).

Jason Friedline, BSBA, Business Administration, University of Missouri (1998); MBA, Dakota Wesleyan University (2007).
Tanisha Garcia, BUS, University Studies, University of New Mexico (2007); MM, Management/Healthcare Administration, National American University (2008).

Melissa Gonzalez, BA, Accounting, University of Texas (2005); MS, Accounting, University of the Incarnate Word (2008).


Laura Gulk, BA, Journalism, University of South Dakota (2007); MBA, University of South Dakota (2008).

Rod Hagedorn, BS, Finance/Economics, Minnesota State University (1988); MBA, Management, Drake University (1992); MS, Business Administration, Iowa State University (1996).

Colleen Halupa, AAS, Medical Laboratory Technology, Community College of the Air Force (1987); BS, Health Care Management, Southern Illinois University (1989); MSA, Administration/Health Administration, Central Michigan State University (1994); EdD, Curriculum and Instruction/Leadership, The University of West Florida (2003).

Gregory Harnett, BS, Administration and Management, LaRoche College (1982); MS, Management and Organization, University of Colorado (1991).

Don Hedrick, BA, Criminal Justice, Dakota Wesleyan University (2002); MS, Administrative Studies-Criminal Justice, University of South Dakota (2008).

Sasha Heuther, BS, English, University of South Dakota (1997); MA, English, University of South Dakota (2001).

Janet Hoff, BS, Mathematics, University of Evansville (1991); MS, Secondary Education, University of Southern Indiana (2002).

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