

# NATIONAL AMERICAN UNIVERSITY



## **CATALOG ADDENDUM** 2010 - 2011 Published June 2011

*Quality higher education in a caring  
and supportive learning environment*

Accredited by the Higher Learning Commission and a member of the North Central Association  
[www.ncahlc.org](http://www.ncahlc.org) (312) 263-0456

# Campus Locations

## **Burnsville Education Center**

513 West Travelers Trail  
Burnsville, MN 55337  
(952) 563-1200  
(952) 563-1255 (FAX)

## **Accreditation – Approvals – Affiliations**

The specialized accreditation statement for the BS Athletic Training program has been removed from the catalog.

## **Academics**

### **Attendance Policy**

Students are expected to attend all class sessions. If a student misses two consecutive weeks of classes without contacting the instructor and academic advisor, 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 courses are counted as present if they actively participate weekly within the course in the university's learning management system. For more information regarding online requirements, please refer to the Distance Learning section of the academic catalog.

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

### **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 only obtain transcripts as follows by requesting online at <http://aarts.army.mil>. Choose the school "National American University-All Campuses"  
E-mail: [hrc.tagd.aarts@conus.army.mil](mailto:hrc.tagd.aarts@conus.army.mil)

## **Academic Programs**

National American University is no longer enrolling students in the following programs at the Overland Park campus after spring 2011 quarter: Diploma Therapeutic Massage, AAS Therapeutic Massage.

National American University is no longer enrolling students in the following programs at the Denver campus after spring 2011 quarter: AAS Pharmacy Technician.

National American University is no longer enrolling students in the following programs after spring 2011 quarter: AS General Education Studies, BS Athletic Training.

## **Accounting**

**Accounting**  
**Associate of Applied Science**  
**93 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Rapid City, Rio Rancho Roseville, Sioux

Falls, Tulsa, 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  
Bachelor of Science  
189 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, 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.

## Allied Health

**Clinical Laboratory Technician  
Associate of Applied Science Degree  
110 Credits**

Offered at Zona Rosa.

**Clinical Laboratory Technician Major Core** **Credit Hours**

(The following 65 credits must be earned at NAU.)

CL1010*	Introduction to the Medical Laboratory	3
CL1020*	Specimen Collection	2
CL1050*	Laboratory Calculations and Quality Control	2
CL1110*	Basic Immunology and Serology with Lab	3
CL1120*	Hematology I with Lab	5
CL1130*	Urinalysis and Body Fluids with Lab	3
CL1150*	Immunohematology I with Lab	3
CL1170*	Clinical Microbiology with Lab	6
CL1190*	Clinical Chemistry I with Lab	4
CL2010*	Hematology II with Lab	3
CL2020*	Immunohematology II with Lab	3
CL2030*	Clinical Microbiology II with Lab	3
CL2050*	Clinical Chemistry II with Lab	3
CL2080*	Professional Issues	2
CL2091	Clinical Internship I	10
CL2092	Clinical Internship II	10
		<b>65</b>

### General Education Core (45)

**Communications**

EN1150	Composition I	4.5
		<b>4.5</b>

**Science**

*All science transfer courses have a 5-year limit at application.*

SC1232#	Human Anatomy and Physiology I with Lab	6
SC1332#	Human Anatomy and Physiology II with Lab	6
SC1354#	General Chemistry and Biochemistry with Lab	4.5
SC1422#	Microbiology with Lab	6
		<b>22.5</b>

**Mathematics**

Algebra Elective		4.5
		<b>4.5</b>

**Humanities**

Humanities Elective		4.5
		<b>4.5</b>

## Behavioral/Social Science

Behavioral/Social Science Elective	4.5
	<hr/> 4.5

## General Education

CS1500	Strategies for Success	4.5
		<hr/> 4.5

\* A minimum B grade is required in these CL courses.

# A minimum C grade is required.

CLT major core courses may only be retaken once.

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

*The American Society for Clinical Pathology (ASCP) certification examination for the MLT (ASCP) category requires an associate degree from a college/university and successful completion of a NAACLS-accredited CLT program within the last 5 years.*

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

## Health Information Technology Associate of Applied Science 99 credits

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

## Healthcare Coding Diploma 54.5 Credits

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

## Medical Administrative Assistant Associate of Applied Science 96 Credits

Offered at Albuquerque, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Minnetonka, Roseville, Tulsa, Wichita and Wichita West Education Center.

## Medical Assisting Associate of Applied Science 101.5 Credits

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Independence, Lee's Summit, Minnetonka, Overland Park, Roseville, Sioux Falls, Tulsa, Wichita, Wichita West Education Center and Zona Rosa.

## Medical Staff Services Management Associate of Applied Science Degree Requirements 92 Credits

The blended delivery format is offered at Albuquerque, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, 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.

**Pharmacy Technician  
Associate of Applied Science  
97.5 Credits**

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

**Therapeutic Massage  
Associate of Applied Science  
96.5 Credits**

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

**Therapeutic Massage  
Diploma  
55 Credits**

Offered at Bloomington, Brooklyn Center, Burnsville, Minnetonka, and Roseville.

## **Business**

**Applied Management  
Associate of Applied Science  
93 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, Watertown, Wichita, Wichita West and Zona Rosa. This program is also offered through NAU's distance learning program.

**Applied Management  
Bachelor of Science  
186 Credits**

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

**Business Administration  
Associate of Applied Science  
93 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, Watertown, Wichita, Wichita West and Zona Rosa. This program is also offered through NAU's distance learning program.

**Business Administration  
Bachelor of Science  
186 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, Watertown, Wichita, Wichita West and Zona Rosa. This program is also offered through NAU's distance learning program.

**Business Administration  
Bachelor of Science  
Emphasis in Entrepreneurship  
186 Credits**

Offered at Albuquerque, Centennial, Colorado Springs, Colorado Springs South, Denver, Rio Rancho, Sioux Falls and Watertown. This program is also offered through NAU's distance learning program. Some of the courses in this program may be offered only through NAU's distance learning program.

**Business Administration Major Core** **Credit Hours**

(A minimum of 40.5 of the following 79.5 credits must be earned at NAU.)

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
MT4200	Business Ethics	4.5
MT4210	Quantitative Analysis	4.5
MT4440	Business Management Review	3
MT4450	Strategic Management **	4.5
OM3000	Operations Management	4.5
		<b>79.5</b>

**Entrepreneurship Emphasis Core**

(A minimum of 18 of the following 31.5 credits must be earned at NAU, excluding internship.)

Courses must be coded AC, CI, EC, FN, LA, MG, MT, OL, OM or equivalent transfer.

MT2100	Entrepreneurship and Small Business	4.5
MT3600	Strategic Entrepreneurship	4.5
MT3650	Business Plan Development	4.5
MT4140	Innovation, Creativity and New Product Development	4.5
MT4240	International Entrepreneurship	4.5
2000+		4.5
3000+		4.5
		<b>31.5</b>

<b>Open Electives</b>	<b>9</b>
	<b>9</b>

**General Education Core (66)**

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

**Communications**

EN1150	Composition I	4.5
		<b>4.5</b>

**Science**

Science Electives	9
	<b>9</b>

**Humanities**

Humanities Electives	9
	<b>9</b>

**Behavioral/Social Science**

Behavioral/Social Science Electives	9
	<hr/> 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
		<hr/> 13.5

**Mathematics**

MA2050	College Algebra	4.5
MA3000	Business Statistics	4.5
		<hr/> 9

**General Education**

CS1500	Strategies for Success	4.5
CS2080	Career Management	3
		<hr/> 7.5

**Computer Literacy**

Introduction to CIS or CI Elective	4.5
	<hr/> 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:**

*are encouraged to complete some advanced or upper division general education course work.*

*## 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 Entrepreneurship Emphasis Core. See the "Graduation Requirements" section of the catalog for additional requirements.*

*Until final approval is granted, National American University may not matriculate students in the following states: Tennessee, Minnesota, Missouri, Kansas and Alabama.*

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

**Business Administration  
Bachelor of Science  
Emphasis in Financial Management  
186 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, Watertown, Wichita and Wichita West. 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  
Bachelor of Science  
Emphasis in Human Resource Management  
186 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, Watertown, Wichita, Wichita West 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  
Bachelor of Science  
Emphasis in Information Systems  
186 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, Watertown, Wichita and Wichita West. 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  
Bachelor of Science  
Emphasis in International Business  
186 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, Watertown, Wichita and Wichita West. 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.

**Business Administration  
Bachelor of Science  
Emphasis in Management  
186 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, Watertown, Wichita and Wichita West. 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  
Bachelor of Science  
Emphasis in Marketing  
186 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, Watertown, Wichita and Wichita West. 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  
Bachelor of Science  
Emphasis in Supply Chain Management  
186 Credits**

Offered at Albuquerque, Centennial, Colorado Springs, Colorado Springs South, Denver, Rio Rancho, Sioux Falls and Watertown. This program is also offered through NAU's distance learning program. Some of the courses in this program may be offered only through NAU's distance learning program.

**Business Administration Major Core** **Credit Hours**

(A minimum of 40.5 of the following 79.5 credits must be earned at NAU.)

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
MT4200	Business Ethics	4.5
MT4210	Quantitative Analysis	4.5
MT4440	Business Management Review	3
MT4450	Strategic Management **	4.5
OM3000	Operations Management	4.5
		<hr/>
		79.5

## Supply Chain Management Emphasis Core

(A minimum of 18 of the following 31.5 credits must be earned at NAU, excluding internship.)

OM2100D	Logistics and Transportation Management	4.5
OM2200D	Purchasing and Supply Chain Management	4.5
OM3200D	Marketing and Distribution Channels	4.5
OM3400D	Manufacturing Planning and Control	4.5
OM4100D	Quality Management in the Supply Chain	4.5
OM4200D	Managing Projects and Technologies in the Supply Chain	4.5
OM4500D	Strategic Supply Chain Management **	4.5
		<hr/>
		31.5

Open Electives		9
		<hr/>
		9

## General Education Core (66)

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

#### Communications

EN1150	Composition I	4.5
		<hr/>
		4.5

#### Science

Science Electives		9
		<hr/>
		9

#### Humanities

Humanities Electives		9
		<hr/>
		9

#### Behavioral/Social Science

Behavioral/Social Science Electives		9
		<hr/>
		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
		<hr/>
		13.5

#### Mathematics

MA2050	College Algebra	4.5
MA3000	Business Statistics	4.5
		<hr/>
		9



## Science

SC	Science Electives	4.5
		<u>4.5</u>

## Mathematics

MA	Algebra Elective	4.5
		<u>4.5</u>

## Humanities/Behavioral/Social Science

Humanities/Behavioral/Social Science Elective #	4.5
	<u>4.5</u>

## General Education

CS1500	Strategies for Success	4.5
CS2080	Career Management	3
		<u>7.5</u>

## Computer Literacy

Introduction to CIS or CI Elective	4.5
	<u>4.5</u>

*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.*

*Until final approval is granted, National American University may not matriculate students in the following states: Tennessee, Minnesota, Missouri, Kansas and Alabama.*

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

## Small Business Management Associate of Applied Science 93 Credits

Offered at Albuquerque, Centennial, Colorado Springs, Colorado Springs South, Denver, Rio Rancho, Sioux Falls and Watertown. This program is also offered through NAU's distance learning program. Some of the courses in this program may be offered only through NAU's distance learning program.

### Business Administration Major Core Credit Hours

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

AC1060	Principles of Accounting I	4.5
AC1160	Principles of Accounting II	4.5
EC2050	Macroeconomics	4.5
EC2100	Microeconomics	4.5
MG1050	Principles of Marketing	4.5
MG2300	Customer Service Relations	4.5
MT2050	Principles of Management	4.5
MT2100	Entrepreneurship and Small Business	4.5
MT2200 or	Franchising	4.5
AC2050	Accounting Software Applications	
MT2400	Small Business Management Operations	4.5
MT3650	Business Plan Development	4.5
2000+ *		4.5
		<u>54</u>

## 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
		<u>13.5</u>

## Science

SC	Science Electives	4.5
		<hr/> 4.5

## Mathematics

MA	Algebra Elective	4.5
		<hr/> 4.5

## Humanities/Behavioral/Social Science

Humanities/Behavioral/Social Science Elective #	4.5
	<hr/> 4.5

## General Education

CS1500	Strategies for Success	4.5
CS2080	Career Management	3
		<hr/> 7.5

## Computer Literacy

Introduction to CIS or CI Elective	4.5
	<hr/> 4.5

*Residents of the state of MN or students attending any MN campus must take a Humanities elective.*

*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.*

*\*Courses must be coded AC, CI, EC, FN, LA, MG, MT, OL or OM*

*Until final approval is granted, National American University may not matriculate students in the following states: Tennessee, Minnesota, Missouri, Kansas and Alabama.*

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

# Criminal Justice

## Criminal Justice Associate of Applied Science 93 Credits

The blended delivery format is offered at Albuquerque, Austin, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, Watertown, Wichita, Wichita West 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 Bachelor of Science 187.5 Credits

The blended delivery format is offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, Watertown, Wichita, Wichita West 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.

# Health and Beauty Management

## Health and Beauty Management Associate of Applied Science 100.5 Credits

The blended delivery format is offered at Albuquerque, Austin, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Rapid City, Rio Rancho, Sioux Falls, Tulsa and Watertown. This program is also offered through NAU's distance learning program in all states except Minnesota.

## Healthcare Management

### Healthcare Management

#### Bachelor of Science

**187 Credits**

The blended delivery format is offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, Watertown, Wichita, Wichita West Education Center 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.

## Information Technology

### Applied Information Technology

#### Bachelor of Science

**186 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa and Watertown. This program is also offered through NAU's distance learning program.

### Computer Security

#### Associate of Applied Science

**97.5 Credits**

Offered at Albuquerque, Centennial, Colorado Springs, Colorado Springs South, Denver, Rio Rancho, Sioux Falls and Watertown. This program is also offered through NAU's distance learning program. Some of the courses in this program may be offered only through NAU's distance learning program.

Information Technology Major Core	Credit Hours
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(A minimum of 22.5 of the following 49.5 credits must be earned at NAU.)

CI1420	Principles of Programming	4.5
CI2011	Introduction to Database	4.5
CI2211	Internetworking Fundamentals	4.5
CI2430	Computer Concepts	4.5
CI2440	Introduction to Computer Security	4.5
CI3010	Linux	4.5
CI3091	Database Design and Management	4.5
CI3155	Computer Ethics	4.5
CI3710	Internet Security	4.5
CI3715	Cybercrime and Information Systems	4.5
CI3725	Network Security	4.5
		<b>49.5</b>

### Support Core

EC2050	Macroeconomics	4.5
MT2050	Principles of Management	4.5
		<b>9</b>

### General Education Core (39)

#### Communications

EN1150	Composition I	4.5
EN1300	Composition II	4.5
EN2100 or	Speech or	



## General Education Core (39)

### Communications

EN1150	Composition I	4.5
EN1300	Composition II	4.5
EN2100 or EN2150	Speech or Interpersonal Professional Communications	4.5
		<hr/> 13.5

### Science

SC	Science Electives	4.5
		<hr/> 4.5

### Mathematics

MA	Algebra Elective	4.5
		<hr/> 4.5

### Humanities/Behavioral/Social Science

Humanities Elective #		4.5
		<hr/> 4.5

### General Education

CS1500	Strategies for Success	4.5
CS2080	Career Management	3
		<hr/> 7.5

### Computer Literacy

Introduction to CIS or CI Elective		4.5
		<hr/> 4.5

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

*# 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.*

*Until final approval is granted, National American University may not matriculate students in the following states: Tennessee, Minnesota, Missouri, Kansas and Alabama.*

## Information Technology Bachelor of Science Emphasis in Computer Security and Forensics 187.5 Credits

Offered at Albuquerque, Centennial, Colorado Springs, Colorado Springs South, Denver, Rio Rancho, Sioux Falls and Watertown. This program is also offered through NAU's distance learning program. Some of the courses in this program may be offered only 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.)

CI1420	Principles of Programming	4.5
CI2011	Introduction to Database	4.5
CI2211	Internetworking Fundamentals	4.5
CI2430	Computer Concepts	4.5
CI3010	Linux	4.5
CI3091	Intermediate Database	4.5
CI3155	Computer Ethics	4.5
CI3310	Web site and Web Application Design	4.5
CI4220/ MT4230	Project Management	4.5
CI4221	Systems Analysis and Design	4.5
CI4222	Integrative Systems Project**	4.5
		<hr/> 49.5

## Support Core

AC1060	Principles of Accounting I	4.5
AC1160	Principles of Accounting II	4.5
EC2050	Macroeconomics	4.5
EC2100	Microeconomics	4.5
FN3000	Business Finance I	4.5
MG1050	Principles of Marketing	4.5
MT2050	Principles of Management	4.5
MT4210	Quantitative Analysis	4.5
		<hr/>
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## Computer Security and Forensics Core

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

CI2440	Introduction to Computer Security	4.5
CI3680	Java Programming	4.5
CI3710	Internet Security	4.5
CI3715	Cybercrime and Information Systems	4.5
CI3720	Computer Forensics	4.5
CI3725	Network Security	4.5
CI4710	Forensic Methods	4.5
		<hr/>
		31.5

Open Elective		4.5
		<hr/>
		4.5

## General Education Core (66)

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

#### Communications

EN1150	Composition I	4.5
		<hr/>
		4.5

#### Science

Science Electives		9
		<hr/>
		9

#### Humanities

Humanities Electives		9
		<hr/>
		9

#### Behavioral/Social Science

Behavioral/Social Science Electives		9
		<hr/>
		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
		<hr/>
		13.5

#### Mathematics

MA2050	College Algebra	4.5
MA3000	Business Statistics	4.5
		<hr/>
		9

#### General Education

CS1500	Strategies for Success	4.5
CS2080	Career Management	3
		<hr/>
		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:**

*are encouraged to complete some advanced or upper division general education course work.*

*## 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 Computer Security and Forensics Core. See the "Graduation Requirements" section of the catalog for additional requirements.*

*Until final approval is granted, National American University may not matriculate students in the following states: Tennessee, Minnesota, Missouri, Kansas and Alabama.*

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

### **Information Technology Associate of Applied Science 93 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, 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 Bachelor of Science Emphasis in Management Information Systems 187.5 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Overland Park, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa, Watertown, Wichita, Wichita West and Zona Rosa. This program is also offered through NAU's distance learning program.

### **Information Technology Bachelor of Science Emphasis in Network Management/Microsoft 187.5 Credits**

Offered at Albuquerque, Austin, Bloomington, Brooklyn Center, Burnsville, Centennial, Colorado Springs, Colorado Springs Education Center, Denver, Ellsworth, Independence, Lee's Summit, Minnetonka, Rapid City, Rio Rancho, Roseville, Sioux Falls, Tulsa 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.

# National American University School of Nursing

## Bachelor of Science in Nursing Program

### Nursing Program Admission Requirements for BSN

#### **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 active health insurance.
- 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 Bridge to BSN 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.
- The NS3315 LPN to RN Transition course, 4.5 credit hours, to be taken in the fall quarter with provisional admission into the nursing clinical core. This course must be completed with a minimum grade of C to gain full admission status. Failure to meet this requirement will result in removal from the program.
- 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.

## **Legal Studies**

### **Paralegal Studies Associate of Applied Science 97.5 Credits**

Offered at Bloomington, Brooklyn Center, Burnsville, 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 Bachelor of Science Degree 187 Credits**

Offered at Bloomington, Brooklyn Center, Burnsville, 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.

# Course Descriptions

The secondary code of MT2100 has been eliminated from TH2100 – Mastering Therapeutic Business.

The following courses are removed from the catalog:

AT1050 – Essentials of Athletic Training  
AT1100 –Taping and Bandaging Techniques  
AT1210 – Sport Nutrition  
AT2050 – Orthopedic Evaluation I  
AT2051 – Orthopedic Evaluation I Lab  
AT2100 – Orthopedic Evaluation II  
AT2101 – Orthopedic Evaluation II Lab  
AT2150 – Orthopedic Evaluation III  
AT2151 – Orthopedic Evaluation III Lab  
AT2200 – Pathology of Injury/Illness  
AT2230 – General Medical Conditions  
AT2300 – Practicum I  
AT2350 – Practicum II  
AT2400 – Practicum III  
AT2500 – Athletic Training Competency Review I  
AT3100 – Athletic Training Management  
AT3300 – Practicum IV  
AT3350 – Practicum V  
AT3400 – Practicum VI  
AT3500 – Athletic Training Competency Review II  
AT3550 – Research in Athletic Training  
AT3600 – Strength and Conditioning  
AT4050 – Therapeutic Exercise  
AT4100 – Therapeutic Modalities  
AT4200 – Athletic Training Career Seminar  
AT4300 – Practicum VII  
AT4350 – Practicum VIII  
AT4500 – Athletic Training Competency Review III  
ME1340 – Professional Rescuer  
PE1350 – Wellness  
SC2220 – Pharmacology for Athletic Trainers  
SC3400 – Biomechanical Kinesiology  
SC3450 – Physiology of Exercise

## **AC2050 - Accounting Software Applications - 4.5 Credits**

This course provides experience in establishing and using computer-based accounting systems for service and merchandising businesses.

Prerequisite: AC1160 and CI1150

Delivery: on campus and online

## **CI3010 - Linux - 4.5 Credits**

This course is a study of the Linux operating system from the perspective of a system power user and administrator.

Responsibilities for successful administration, installation, and implementation of a typical Linux distribution are covered.

Topics covered in the class include desktop environments, user accounts and security, resource & application management, network administration, and virtualization concepts & scenarios.

Prerequisite: CI1150 or placement

Delivery: on campus and online

**CI3710 - Internet Security - 4.5 Credits**

This course introduces students to the technologies, terms, and processes related to Internet security. Students will examine concepts and techniques related to general security, network security, operating system security, and methods for testing security.

Prerequisite: CI2211 & CI2440

Delivery: on campus and online

**CI3715 - Cybercrime & Information Systems - 4.5 Credits**

Students will be introduced to fundamental principles in the field of cybercrime and will be exposed to a variety of computer related crime, cybercrime activities, methods, tools and social and legal issues. Coverage will include review and investigation of actual cybercrime incidents, and examination of pre- and post-incident procedures.

Prerequisite: CI2440

Delivery: on campus and online

**CI3720 - Computer Forensics - 4.5 Credits**

This course introduces students to the techniques and tools of computer forensics investigations. Students will receive step-by-step explanations on how to use the most popular forensic tools. The course maps to the objectives of the international Association of Computer Investigative Specialists (ACIS) certification to provide credible, standards-based information.

Prerequisite: CI3725

Delivery: on campus and online

**CI3725 - Network Security - 4.5 Credits**

This course introduces the student to intrusion detection technics used to discover intrusion attempts, respond to break-ins, and assess the damage of network attacks. Topics addressed include intrusion detection design and implementation, firewall design and implementation, virtual private networks, packet filters and network traffic signatures.

Prerequisite: CI3710

Delivery: on campus and 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 Window Server 2008 Enterprise Administrator.

Prerequisite: CI4138 and CI4158

Delivery: on campus and online

**CI4710 - Forensic Methods - 4.5 Credits**

This course provides students with a practical hands-on approach to solving problems often encountered in computer forensics investigations. Several case studies provide students with detailed data for analysis.

Prerequisite: CI3720

Delivery: on campus and online

**CL1010 - Introduction to Medical Laboratory - 3 Credits**

This course explores medical/clinical laboratory health career options, accrediting and certifying agencies, administrative law, and the educational requirements of various laboratory practitioners. Laboratory safety regulations and procedures are heavily emphasized and consistently followed during laboratory exercises. Students learn about laboratory glassware and general laboratory equipment including: centrifuges, microscopes, pipettes, balance scales, spectrophotometers, and pH meters.

Delivery: on campus

**CL1020 - Specimen Collection - 2 Credits**

The collection of blood specimens by venipuncture, skin puncture, and arterial puncture is addressed in this course. Students will learn about preanalytic variables that adversely affect the accuracy of test results. They will perform venipunctures and skin/capillary punctures. Collection of additional specimens such as stool, urine, sputum, and throat swabs are addressed, and students will practice collecting these specimens and explain proper collection procedures to simulated patients.

Prerequisite: Concurrent with CL1010

Delivery: on campus

**CL1050 - Laboratory Calculations and Quality Control - 2 Credits**

This course focuses on general calculations used in the laboratory, including normality, molality, and concentrations. The metric system, scientific notation, exponentials, and significant figures are reviewed. Concepts of quality control and quality assurance are discussed, and the mean, standard deviation, and coefficient of variation are calculated and interpreted.

Westgaard's rules are used to evaluate quality control results. The concepts of external and internal quality control are discussed along with regulatory compliance requirements for competency and the use of proficiency testing. CLIA 88 regulations are revisited as are the categories of laboratory testing (waived, moderate complexity, and high complexity).

Prerequisite: MA1500

Delivery: on campus

**CL1110 - Basic Immunology and Serology with Lab - 3 Credits**

This course discusses the innate and adaptive branches of the immune system. Characteristics of antigens and immunoglobulins are emphasized, and immunological test principles are explored. Diseases and disorders involving the immune system, diagnosis and monitoring of malignant tumors, and organ transplantation matches and rejections are also addressed. Serological procedures are performed in the laboratory, including point-of-care testing, use of automated instruments that employ immunological test methods, and serial dilutions with the associated calculations.

Prerequisite: CL1010 & CL1050

Delivery: on campus

**CL1120 - Hematology I with Lab - 5 Credits**

This course addresses the production of red blood cells, white blood cells, and platelets and the various cell precursors are identified for each cell line. The structure of hemoglobin, its role in the delivery of oxygen and the transport of carbon dioxide, and functional and non-functional hemoglobin molecules are discussed. The classification of anemias, using red blood cell indices and reticulocyte parameters, are emphasized, linking calculations to the underlying disease/condition causing the anemia. Benign white blood cell and platelet disorders/diseases are addressed. Laboratory procedures covered include: the preparation and staining of peripheral blood smears, manual hemoglobin and hematocrit, manual cell counts, erythrocyte sedimentation rates and white blood cell differentials. Automated cell counters are introduced.

Prerequisite: CL1010 and SC1332

Delivery: on campus

**CL1130 - Urinalysis and Body Fluids with Lab - 3 Credits**

In this course, the student will perform the physical, chemical, and microscopic analysis of urine while reviewing renal physiology and correlating urinalysis findings with clinical conditions. The physical, chemical, and microscopic analysis of other body fluids including: CSF, synovial, peritoneal, pericardial, pleural (transudates and exudates), amniotic, fecal, and seminal fluid will be discussed and abnormal results will be correlated with clinical conditions and diseases. Collection of 24-hour urine specimens, performance of manual body fluid cell counts and associated calculations are also emphasized.

Prerequisite: CL1010 and CL1332

Delivery: on campus

**CL1150 - Immunohematology I with Lab - 3 Credits**

Characteristics of immunogens (antigens) and immunoglobulins (antibodies) are applied to red blood cell typing and plasma screening. Blood group systems (antigens and antibodies), including ABO, Rh, Kell, Duffy, Kidd, MNSs, Lewis, Ii, and P1, are covered in detail. Quality control of equipment and reagents, preparation of red blood cell suspensions, and tests performed on patients prior to transfusion are discussed and performed. Compatible and incompatible test results are identified. Selection of special procedures to be used in the resolution of discrepant results is discussed. This course emphasizes patients (recipients) rather than donors. Tube and gel testing systems are used in the laboratory for compatibility testing.

Prerequisite: CL1110 and CL1332

Delivery: on campus

**CL1170 - Clinical Microbiology with Lab - 6 Credits**

General microbiological concepts are reviewed, including metabolic and cultural characteristics of prokaryotic cells, transient and resident normal flora, and identification strategies. Identification of pathogenic bacteria, general concepts of antimicrobial susceptibility testing, collection and processing of clinical specimens, direct smear preparation and interpretation, primary culture interpretation, and epidemiology studies are discussed. Diseases and conditions are linked to organisms and associated virulence factors. Specimen collection and processing skills are developed and various identification and susceptibility methods are discussed and performed. Selection of primary culture media, description of colonial morphology, proper performance of the gram stain and appropriate direct tests are consistently performed in the laboratory portion of the course.

Prerequisite: CL1110 and SC1422

Delivery: on campus

#### **CL1190 - Clinical Chemistry I with Lab - 4 Credits**

This course addresses the role of the clinical laboratory in the diagnosis of diseases and disorders of the kidney, liver, pancreas, and heart. The association of the analyzed compound, its chemical structure, and biochemical function are covered as the general structure and function of each organ is reviewed and linked to normal homeostasis. Clinical signs and symptoms of significant organ disease/damage are identified and linked to laboratory tests employed in identification of specific organ dysfunction. Collection, transport and processing of clinical specimens, the use of manual and automated methods, quality control and the importance of instrument calibration and standardization are discussed and practiced.

Prerequisite: CL1010, CL1050, SC1332 and SC1354

Delivery: on campus

#### **CL2010 - Hematology II with Lab - 3 Credits**

Bone marrow aspiration, cytochemical stains, cytogenetic studies, flow cytometry, and molecular techniques are procedures covered in this course. Heavy emphasis is placed on abnormal hematological conditions, such as the leukemias, plasma cell dyscrasias, lymphomas, myeloproliferative, and myelodysplastic disorders. Peripheral blood smears are examined focusing on abnormal cellular morphology commonly associated with each disorder. The theory of blood coagulation and fibrinolysis is addressed, and specific laboratory tests and techniques involved in the assessment and monitoring of these processes are discussed and practiced. Preanalytic errors affecting coagulation studies are addressed.

Prerequisite: CL1120

Delivery: on campus

#### **CL2020 - Immunohematology II with Lab - 3 Credits**

Blood donor unit collection, screening, and testing, preparation of blood components, infectious disease testing, special antibody studies, transfusion reactions, hemolytic disease of the newborn, and transfusion therapy are covered in this course. Additional topics addressed include artificial blood products, stem cell transfusions, bone marrow transplantation, intrauterine transfusions and the selection of appropriate blood products for special populations, such as neonates and severely immunocompromised patients.

Prerequisite: CL1150

Delivery: on campus

#### **CL2030 - Clinical Microbiology II with Lab - 3 Credits**

Medically important parasites (protozoa and metazoan), fungi, and viruses are covered in this course. Life cycles and diagnostic stages are emphasized. Wet preparations and trichrome stained smears are examined for parasitic diagnostic stages. Common fungal agents and their mechanisms of transmission, macroscopic appearance on culture media, and microscopic appearance, as demonstrated on lactophenol cotton blue preparations, are addressed. Viral cell cultures and immunoassays used in the identification of viral antigens and/or antibodies are briefly explored, and viral agents are linked to specific diseases and common methods of transmission. Collection of clinical specimens for parasitic, fungal, and viral culture is an integral part of the course.

Prerequisite: CL1170

Delivery: on campus

#### **CL2050 - Clinical Chemistry II with Lab - 3 Credits**

This course covers blood electrolytes, arterial blood gases, endocrine disorders, tumor markers, and therapeutic drug monitoring. Controlled substances and their detection are briefly addressed. Diagnostic protocols, laboratory techniques, instrumentation, and specimen collection procedures are emphasized. Patient presentation is linked to laboratory results and is interwoven throughout the course material.

Prerequisite: CL1190

Delivery: on campus

#### **CL2080 - Professional Issues - 2 Credits**

Topics covered in this course include education and training of students and employees, competency assessment and behavioral evaluations, professional organizations, continuing education, and preparation of a professional portfolio. Students are encouraged to identify topics to explore to a greater degree as they encounter these subjects during their clinical internships. Preparation for the national certification examination is an important part of this course.

Prerequisite: Concurrent with CL2091

Delivery: on campus

### **CL2091 - Clinical Internship I - 10 Credits**

This internship covers the theory and practice of internship rotations through the following laboratory departments at a clinical facility: hematology, chemistry, urinalysis, coagulation, phlebotomy, and specimen collection. Students collect and process specimens, perform tests and associated quality control, perform preventive maintenance on instruments, and participate in troubleshooting as indicated in each of the listed departments under the supervision of assigned clinical laboratory staff. Emphasis is on the preanalytic, analytic, and postanalytic phases of laboratory testing.

Prerequisite: Completion of all other CL courses and concurrent with CL2080

Delivery: on campus

### **CL2092 - Clinical Internship II - 10 Credits**

This internship covers the theory and practice of internship rotations through the following laboratory departments at a clinical facility: immunohematology, immunology/serology, and microbiology. Students collect and process specimens, perform tests and quality control, perform preventive maintenance on instruments, and participate in troubleshooting as indicated under the supervision of assigned clinical laboratory staff. Emphasis is on the preanalytic, analytic, and postanalytic phases of laboratory testing.

Prerequisite: CL2091

Delivery: on campus

### **HT1000D - Introduction to Health Information Management and Health Care - 4 Credits**

This course provides an introduction to health care delivery in the United States and 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. Developments in the evolution of healthcare in the US and changes in the current healthcare environment will also be examined.

Delivery: online

### **ME2400 - Laboratory Techniques I - 3 Credits**

This course introduces the student to the use and care of the microscope. In addition, urinalysis, and microbiological procedures are covered.

Prerequisite: SC1221

Delivery: on campus

### **ME2410 - Laboratory Techniques II - 3 Credits**

This course is a continuation of ME2400. Phlebotomy, routine "waived testing" in Chemistry, Hematology, and Immunology, as well as Toxicology procedures are covered.

Prerequisite: ME2400

Delivery: on campus

### **MG2300 - 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 and online

### **MT2100 - Entrepreneurship and Small Business - 4.5 Credits**

This course provides an overview of entrepreneurial concepts and strategies from a small business perspective. Topics include opportunity selection, competitive analysis, location selection, distribution, marketing promotions, financial considerations, legal and risk management issues, and business purchase or franchising opportunities.

Prerequisite: MT2050

Delivery: on campus

**MT2200 - Franchising - 4.5 Credits**

This course explores the world of franchising from an entrepreneurial perspective and covers topics such as the franchisor feasibility study, franchisor and franchisee management and marketing practices, financial considerations, and the franchisor-franchisee relationship.

Prerequisite: MT2100

Delivery: on campus

**MT2400 - Small Business Management Operations - 4.5 Credits**

This course focuses on the operational issues fundamental to managing a small business. Topics include small business strategic management, managing cash flow, techniques for enhancing profitability, and direction for managing people.

Prerequisite: MT2100

Delivery: on campus

**MT3600 - Strategic Entrepreneurship - 4.5 Credits**

In this course, students investigate the entrepreneurial process and the role of entrepreneurship in the economy. Case study analysis will be integral to this investigation and topics will include entrepreneurial strategy, entrepreneurial marketing, the start-up process, and the importance of solid pro-forma financial statements.

Prerequisite: MT2100

Delivery: on campus

**MT3650 - Business Plan Development - 4.5 Credits**

In successfully launching a new business venture, the business plan plays a crucial role. This course closely examines the steps of the business planning process and guides students in conducting a feasibility analysis and developing a thorough plan for a prospective business venture.

Prerequisite: Students in the Small Business Management AAS program must complete all Major Core courses before taking this course; for students in the Business Administration Bachelor of Science Degree with Emphasis in Entrepreneurship, the prerequisite for this course is MT3600.

Delivery: on campus

**MT4140 - Innovation, Creativity, and New Product Development - 4.5 Credits**

This course examines innovation from multiple perspectives (including organizational and technological) and at both the macro and micro levels. Topics include the various types of innovation, leading models of innovation, and the concept of innovation as it relates to competitive advantage.

Prerequisite: MT3600

Delivery: on campus

**MT4240 - International Entrepreneurship - 4.5 Credits**

This course explores the opportunities of entering today's global market from the international entrepreneurship perspective. International Entrepreneurship 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 international business. Topics discussed include international entrepreneurship and entrepreneurship opportunities, entering the global market, and managing the global entrepreneurship enterprise.

Prerequisite: MT3600

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 and the 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.

Prerequisite: Admission to the Nursing Clinical Core

Delivery: online

**OM1000D - Introduction to Business Logistics - 4.5 Credits**

This course introduces students to the many dimensions of logistics. Students will begin to explore the elements of the logistics system, including demand management, order management, inventory management, warehousing management, and transportation management. Supply chain management concepts, international logistics, and career opportunities in the logistics field are also addressed.

Prerequisite: MT2050

Delivery: online

**OM2100D - Logistics and Transportation Management - 4.5 Credits**

This course introduces students to the field of logistics with an emphasis on the physical distribution and transportation of raw materials, intermediate inputs, and finished product. Throughout the course, students will demonstrate specific knowledge and skills in the areas of logistics planning, pricing and cost decisions, regulations and public policy, risk management, supply chain management. Furthermore, students will understand the operations and structure of different modes of transportation including rail, water, air, and highway.

Prerequisite: OM1000D

Delivery: online

**OM2200D - Purchasing and Supply Chain Management - 4.5 Credits**

This course reflects the ever-changing face of supply management and the increased impact of the recent economic recession. Topics include strategic management, innovation, sustainability, and collaboration. The course emphasizes the role that procurement is taking on through increasing stakeholder engagement and delivering costs.

Prerequisite: OM1000D

Delivery: online

**OM2300 - Demand Forecasting and Inventory Management - 4.5 Credits**

This course focuses on key components of supply chain management, principally, demand forecasting and inventory management. Topics include the various techniques used in demand forecasting and inventory management, in addition to a limited treatment of resource planning and the application of lean thinking and Six Sigma management philosophies.

Prerequisite: OM1000D

Delivery: online

**OM3000 - Operations Management - 4.5 Credits**

The main focus of this course is on the essentials of effective operations management – the activities which people carry out the actual transformation of resources into products and services. It emphasizes people operating in teams for improved goods and services to customers.

Prerequisite: MT2050 and MA2050

Delivery: on campus and online

**OM3100D - Business Logistics Internship - 4.5 Credits**

The business logistics internship is designed to provide students with professional experience in an approved logistics setting. Students will apply concepts and theories learned in the classroom to the workplace environment. Successful completion of this course requires a written report, detailing the experience gained during the internship, and successful completion of the projects assigned by the internship supervisor.

Prerequisite: Completion of all Major Core courses

Delivery: online

**OM3150D - Business Logistics Project - 4.5 Credits**

This course serves as a vehicle to integrate the various discipline specific skills developed throughout the logistics program. The case study approach will be used as the mode of analysis. Students will present analyses of case studies, with an increasing level of sophistication.

Prerequisite: Completion of all Major Core courses

Delivery: online

**OM3200D - Marketing and Distribution Channels - 4.5 Credits**

Marketing channels have become an essential element of any successful business plan due to increased competition and the explosion of Information Technology and E-Commerce. Students will become aware of marketing channel strategy, design, and integration of E-Commerce technology.

Prerequisite: MG1050 and OM3000

Delivery: online

**OM3400D - Manufacturing Planning and Control - 4.5 Credits**

The development of an effective manufacturing planning and control (MPC) system is key to the success of any company. This course closely examines planning and controlling in all aspects of manufacturing, including managing materials, scheduling machines and people, and coordinating suppliers and key customers.

Prerequisite: OM3000D

Delivery: online

**OM4100D - Quality Management in the Supply Chain - 4.5 Credits**

This course introduces students to the critical role of managers in the process of understanding, measuring, and improving quality throughout the supply chain. This applies to both the manufacturing and services field. Students will gain an understanding of quality control strategy, operations, and implementation as a means of creating comparative advantage for a firm. The interaction between quality control and other business functions is studied. The use of product quality as an input into its value to customers is emphasized. Students will also study and implement a Six Sigma quality control methodology. Finally, the value of leadership in the organization in creating and improving a culture of quality is studied.

Prerequisite: OM3400D

Delivery: online

**OM4200D - Projects and Technologies in the Supply Chain Management - 4.5 Credits**

Managing projects and technology in the supply chain involves initiating, planning, executing, and closing stages. Moreover, the management processes entail proactive improvement of buyer-supplier efficiencies. Topics include project risk planning, budgeting, and quality planning.

Prerequisite: OM2100D, OM2200D, OM3200D, OM3400D and OM4100D

Delivery: online

**OM4500 - Strategic Supply Chain Management - 4.5 Credits**

This course is designed so students will characterize Strategic Supply Chain Management with an emphasis on understanding and classifying methods of effective Supply Chain Management. Throughout this course, students will demonstrate specific knowledge and skills in the areas of supply chain management, ethics, inventory, contracts, integration, strategies, sourcing, pooling, pricing, global logistics, design, and technologies.

Prerequisite: OM4200D

Delivery: online

	Central	Colorado Springs	Colorado Springs EC	Denver	Overland Park	Wichita	Wichita West	Brooklyn Center	Bloomington	Burnsville	Minnetonka	Roseville	Independence	Lee's Summit	Zona Rosa	Abuquerque	Rio Rancho	Tuba	Edwinston	Rapid City	Stony Falls	Watertown	Austin	Dallas	Lubbock
	Colorado	Colorado	Colorado Springs EC	Denver	Overland Park	Wichita	Wichita West	Brooklyn Center	Bloomington	Burnsville	Minnetonka	Roseville	Independence	Lee's Summit	Zona Rosa	Abuquerque	Rio Rancho	Tuba	Edwinston	Rapid City	Stony Falls	Watertown	Austin	Dallas	Lubbock
Accounting	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>		X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>		X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Accounting AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>		X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>		X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Clinical Laboratory Technician AAS															X										
Healthcare Coding Diploma	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Health Information Technology AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Medical Administrative Assistant AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Medical Assisting AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Medical Staff Services Management AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Pharmacy Technician AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Therapeutic Massage AAS																									
Therapeutic Massage Diploma																									
Applied Management AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Applied Management BS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Administration AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Administration BS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Administration BS w/emphasis in Accounting	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Administration BS w/emphasis in Entrepreneurship	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Administration BS w/emphasis in Financial Management	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Administration BS w/emphasis in Human Resource Management	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Administration BS w/emphasis in Information Systems	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Administration BS w/emphasis in International Business	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Administration BS w/emphasis in Management	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Administration BS w/emphasis in Marketing	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Administration BS w/emphasis in Pre-Law	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Administration BS w/emphasis in Supply Chain Management	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Administration BS w/emphasis in Tourism and Hospitality Management	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Business Logistics AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>
Small Business Management AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>

+ General education courses for the online RN to BSN program are offered at this campus. EA4050 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.  
<sup>a</sup> Some of the courses in this program may be offered only through NAU's distance learning program.  
<sup>b</sup> This program is approved only through agreements with international distance learning affiliates.  
<sup>c</sup> 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.

	Central	Colorado Springs	Colorado Springs EC	Denver	Overland Park	Kansas	Wichita	Wichita West	Brooklyn Center	Bloomington	Barnesville	Minnesota	Minnconka	Roseville	Independence	Lee's Summit	Zions Rosa	Albuquerque	New Mexico	OK	Tulsa	Elsworth Extension	Kapiti City	Starks Falls	Watertown	Austin	Texas	Distance Learning
Criminal Justice	Criminal Justice AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X
	Criminal Justice BS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X
Information Technology	Health and Beauty Management AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X
	Healthcare Management BS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X
	Applied Information Technology AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X
	Applied Information Technology BS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X
	Computer Security AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X
	Electronic Health Record Support Specialist AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X
	Information Technology AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X
	Information Technology BS w/emphasis in Computer Security and Forensics	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X
	Information Technology BS w/emphasis in Internet Systems Development	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X
	Information Technology BS w/emphasis in Management Information Systems	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X
Information Technology BS w/emphasis in Network Administration/Microsoft	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Information Technology BS w/emphasis in Network Management/Microsoft	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Network Administration AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Network and Server Administration AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Server Administration AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Paralegal Studies AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Paralegal Studies BS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Nursing ASN	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Nursing ASN Mobility	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Nursing BSN	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Nursing LPN to BSN Bridge	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Nursing Online RN to BSN	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Nursing Practical Nurse Diploma	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Organizational Leadership BS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Veterinary Assisting Diploma	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	
Veterinary Technology AAS	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X <sup>a</sup>	X	

+ General education courses for the online RN to BSN program are offered at this campus. HA4050 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.  
<sup>a</sup> Some of the courses in this program may be offered only through NAU's distance learning program.  
\* This program is approved only through agreements with international 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.