

Central Community College

Information Technology
Associate Science

Transfer Degree

University of Nebraska Kearney

Bachelor of Science in
Cyber Security Operations

Articulation Agreement

Effective Date: August 2018

INTRODUCTION

Central Community College and the University of Kearney hereby enter into an articulation agreement pursuant to the Central Community College Associate Science (AS) Information Technology Transfer

Degree and the Bachelor of Science Degree in Cyber Security Operations, College of Natural and Social Science at the University of Nebraska at Kearney.

The two institutions agree that if a student has been awarded the Information Technology Associate Science Degree from Central Community College then s/he:

- 1) Will be permitted to enter with a junior class standing in the Applied Computer Science program and will be able to transfer a maximum of 66 credits hours earned in the Information Technology Associate Science Degree given the following condition: Students must have earned a minimum of 58 credit hours and received a "C" or better for transfer courses.
- 2) Will be permitted to complete all additional University of Nebraska at Kearney courses set forth through program options in the undergraduate catalog in effect at the time of their matriculation at Central Community College, as long as the Associate Science Degree is earned within three years. Otherwise, the undergraduate catalog in effect at the time of the student's first registration for a UNK course determines degree and program requirements.*
- 3) Will be awarded the Bachelor of Science in Cyber Security Operations degree from the College of Natural and Social Science at the University of Nebraska at Kearney upon the successful completion of all degree requirements.

The two institutions further agree to review the articulation agreement annually and if needed, update course information and degree requirements on or before February 15th of each year with changes effective for the following academic year.

*These are UNK requirements as specified on:

http://www.unk.edu/offices/registrar/academic_policies_handbook/Degree%20Programs.php.

CENTRAL COMMUNITY COLLEGE ASSOCIATE SCIENCE DEGREE

TRANSFER TO:
UNK CYBER SECURITY OPERATIONS BACHELOR OF SCIENCE

Central Community College

UNK

General Education Requirements **23** **23**

<i>Communications</i>					
ENGL 1010	English Comp. I	3	ENG 101	Intro to Academic Writing	3
SPCH 1110	Public Speaking	3	SPCH 100	Fund. Of Speech Comm.	3
<i>Social Sciences*</i>		3	<i>Social Sciences*</i>		3
ECON 2120	Microeconomics	3	ECON 271	Microeconomics	3
<i>Humanities*</i>		3	<i>Humanities*</i>		3
<i>Mathematics</i>					
MATH 1600	Analytic Geom. & Calc I	5	MATH 115	Calculus I	5
<i>Q&A Thinking</i>					
INFO 1380	Technology in Society	3	CSIT 108	Computers in Society	3

Other Required Support Courses **16** **16**

<i>Natural Science*</i>		4	<i>Natural Science*</i>		4
	Lab course			Lab course	
<i>Natural Science*</i>		3	<i>Natural Science*</i>		3
	Non-lab course from another science area			Non-lab course from another science area	
ENGL 1020	Writing & Research	3	ENG 102	Academic Writing & Research	3
<i>Social Sciences*</i>		3	<i>Social Sciences*</i>		3
<i>Humanities*</i>		3	<i>Humanities*</i>		3

Information Technology Core **12** **12**

INFO 1100	Intro to Info Technology and Systems	3	ITEC 150	Internetworking Literacy	3
INFO 1120	Microcomputer Applications	3	GS Electives		3
INFO 1700	Database Design Fundamentals	3	Elective		3
INFO 2820	Java Programming	3	CSIT 130	Intro to Computer Science	3

Information Technology Specialization **9** **9**

INFO 2830	C# Programming	3	CSIT 111	Applied Comp Programming	3
INFO 2870	Mobile Programming	3	Elective		3
INFO 2590	.NET Developer	3	CSIT 150	Object Oriented Programming	3

Total Required Hours: 60 Total Transferrable Hours: 60

Catalog: 2018-2019

**Choose from articulated general studies courses for each category.*

Remaining Coursework at UNK (Sample Four Semester Schedule)

Semester 1 at UNK 18

<i>Democracy in Perspective</i>		3
CSIT 330	Data Structures & Algorithms	3
CSIT 448	System Administration	3
ITEC 335	Network Architecture & Telecommunications I	3
CSIT/ITEC elective		3
CSIT/ITEC elective		3

Semester 2 at UNK 17

CSIT 180	Discrete Mathematics	3
CSIT 301	Computer Organization	3
CSIT 458	Computer Security	3
ITEC 330	Info Networking Preceptorial	4
ITEC 345	Network Architecture & Telecommunications II	4

Semester 3 at UNK 18

<i>Aesthetics – General Studies</i>		3
CSIT 401	Operating Systems	3
CSIT 402	Intro to Automata, Formal Languages, & Computability	3
ITEC 390	Info Networking Law & Public Policy	3
ITEC 430	Internetworking Design	3
CSIT/ITEC elective		3

Semester 4 at UNK 18

<i>General Studies Capstone Course</i>		3
CSIT 428	Data Com. & Distributed Processing	3
CSIT 444	Software Reverse Engineering	3
ITEC 435	Global Internetworking	3
ITEC 485	Info Networking Seminar	3
CSIT/ITEC elective		3

See the next page for a sample five semester schedule.

Remaining Coursework at UNK (Sample Five Semester Schedule)

Semester 1 at UNK (Fall) 15

<i>Democracy in Perspective</i>		3
<i>Aesthetics – General Studies</i>		3
CSIT 448	System Administration	3
ITEC 335	Network Architecture & Telecommunications I	3
CSIT/ITEC elective		3

Semester 2 at UNK (Spring) 17

CSIT 180	Discrete Mathematics	3
CSIT 458	Computer Security	3
ITEC 330	Info Networking Preceptorial	4
ITEC 345	Network Architecture & Telecommunications II	4
CSIT/ITEC elective		3

Semester 3 at UNK (Fall) 15

CSIT 330	Data Structures & Algorithms	3
CSIT 401	Operating Systems	3
CSIT 402	Finite Automata	3
ITEC 390	Info Networking Law & Public Policy	3
ITEC 430	Internetworking Design	3

Semester 4 at UNK (Spring) 15

CSIT 301	Computer Organization	3
CSIT 428	Data Com. & Distributed Processing	3
CSIT 444	Software Reverse Engineering	3
ITEC 435	Global Internetworking	3
ITEC 485	Info Networking Seminar	3

Semester 5 at UNK (Fall) 12

<i>General Studies Capstone Course</i>		3
CSIT 496	Senior Seminar	3
CSIT/ITEC elective		3
CSIT 492 (CSIT elective)	CSIT Practicum (Internship)	3