

CYBERSECURITY AND COMPUTER NETWORKS

Associate in Applied Science Checklist

- View the General Education Matrix for a complete list of qualifying courses.
- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

Summary

Prescribed Program	45-47
General Education	15-16
Digital Literacy	
Total Credits	60-63

Degree Plan

Prescribed Program

AI 100	Introduction to Artificial Intelligence	3
CIS 105	Microcomputer Spreadsheets	3
CIS 107	Linux Fundamentals	3
CIS 128	Microcomputer Hardware I	3
CIS 147	Principles of Information Security	3
CIS 165	Networking Fundamentals II	3-4
CIS 185	Introduction to Programming	3
CIS 212	Microsoft Windows Operating System Client	3
CIS 216	Implementing a Microsoft Windows Network Infrastructure	3
CIS 223	Linux System Administration	3
CIS 255	Computer and Network Security	3
CIS 267	Intermediate Networking I	3-4
CIS 274	Cybersecurity Operations	3
CIS 282	Ethical Hacking and Network Defense	3
CIS 184	Cybersecurity Career Introduction ¹	1
or CIS 197	Cooperative Education/Internship	
CIS 284	Cybersecurity Career Development ¹	1
or CIS 197	Cooperative Education/Internship	
CIS 285	Cybersecurity Career Enhancement ¹	1
or CIS 197	Cooperative Education/Internship	
Total Credits		45-47

General Education

Written or Oral Communications

ENGL 110	College Composition I	3
Select one of the following:		3
ENGL 120	College Composition II	
ENGL 125	Introduction to Professional Writing	
Credits Subtotal		6

Arts & Humanities/Social & Behavioral Sciences

CIS 280	Cyber Ethics (Required)	3
Credits Subtotal		3

Business, Math, Science & Technology

CIS 164	Networking Fundamentals I (Required)	3-4
MATH 210	Elementary Statistics (Required)	3
Credits Subtotal		6-7
General Education Total Credits		15-16

Digital Literacy

Select one of the following:

ENGL 110	College Composition I
NDUS Institution Approved Training Course	
NDUS Institution Designated Digital Literacy Course	

Footnotes

1
CIS 197 is repeatable.