

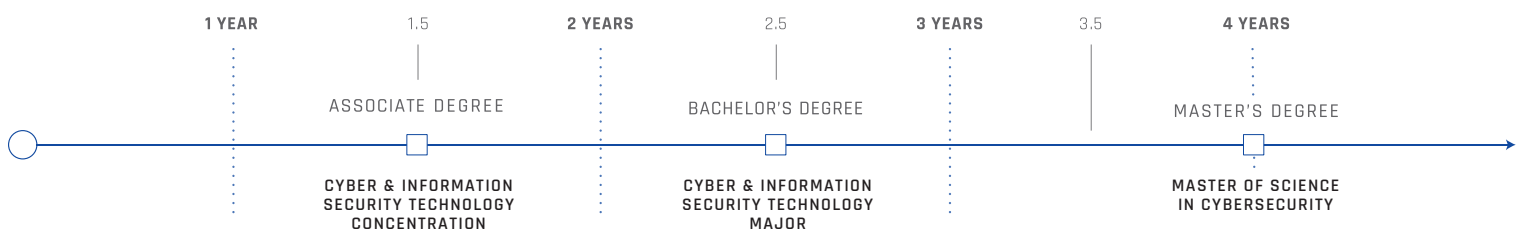


CYBER & INFORMATION SECURITY TECHNOLOGY CONCENTRATION

Living in the age of data means embracing the interconnectedness that allows us to communicate and collaborate in an infinite number of ways. Data can mean a wealth of information and insight at our fingertips, but it can also be detrimental in the wrong hands. With progressively more information traveling over the wires and with increasing threats internationally with cyber terrorism, the need to defend and protect an organization's assets is critically important.

Through ECPI University's year-round schedule, you could earn an Associate of Science (VA, NC & TX) or Associate of Applied Science (SC) Degree with a concentration in Cyber & Information Security Technology in as little as 1.5 years.

Join an industry where you could make a difference in the lives of so many—contact ECPI University today and learn more about earning your Associate's in Computer and Information Science with a concentration in Cyber and Information Security Technology.



Outcomes

In addition to the A.S. CIS Program Outcomes, students in the Cyber and Information Security Technology Concentration learn about installing, securing, testing, and maintaining computer networks.

Computer and Information Science Outcomes:

- ▶ Use processes, tools, and technologies required to solve computing problems common to the profession
- ▶ Function effectively as a member of a team to meet deadlines and produce deliverables
- ▶ Apply written, oral, and graphical communication in both technical and non-technical environments
- ▶ Identify and use appropriate technical literature
- ▶ Engage in continuous professional development through user groups, associations, conferences, readings, research, and other channels
- ▶ Apply ethical best practices in the maintenance and security of information and systems

Cyber and Information Security Technology Concentration Outcomes:

- ▶ Configure and administer a network and security infrastructure
- ▶ Maintain, monitor, and troubleshoot a network and security infrastructure
- ▶ Implement technical and/or non-technical security controls to protect an organization from threats and vulnerabilities

Possible Career Track

Network and cyber security management professionals are employed in a wide range of positions including:

- ▶ Technical Support & Help Desk / Analyst
- ▶ Network & Security Infrastructure Support
- ▶ Network Administrator
- ▶ Network Security Implementation

*As a condition of employment in any security position, a prospective employee may be required to pass a full background investigation for the purpose of obtaining a security clearance.



CYBER & INFORMATION SECURITY TECHNOLOGY CONCENTRATION

To receive the Associate of Science in Computer and Information Science or the Associate of Applied Science in Computer and Information Science (SC only) with a concentration in Cyber and Information Security Technology, the student must earn 70 semester credit hours. The program requires a minimum of five semesters, 16 months or 65 weeks of instruction.

Program Requirements are as follows:

CORE CURRICULUM

21 SEMESTER CREDIT HOURS

Introduction to Python Scripting	3
Introduction to Programming	3
Introduction to Cloud Solutions	3
Introduction to Networking	3
Linux Administration	3
Principles of Cybersecurity	3
ONE OF THESE TWO COURSES:	
Introduction to Business	3
Associate's Externship-CIS	3

ARTS AND SCIENCES*

15 SEMESTER CREDIT HOURS

Principles of Communication	3
College Composition	3
Culture and Diversity	3
College Algebra	3
Introduction to Psychology	3

*For allowable substitutions of arts and sciences courses, see the Arts and Sciences Department page

SELF INTEGRATION

9 SEMESTER CREDIT HOURS

Introduction to Operating Systems	3
Office Applications	2
Essentials for Success	3
Career Orientation	1

CYBER AND INFORMATION SECURITY TECHNOLOGY

25 SEMESTER CREDIT HOURS

Computer Configuration I	3
Introduction to Routing and Switching	3
Introduction to Routing and Switching LAB	1
Intermediate Routing and Switching	3
Routing and Switching LAB	1
Network Protocols and Services	3
Windows Client and Server	3
Windows Client and Server LAB	1
Advanced Windows Server	3
Windows Active Directory	3
Windows Active Directory LAB	1

SEMESTER CREDIT HOURS

70

*These are the courses making up the degree plan at the time of student enrollment. The University at its sole discretion may modify the program track as deemed necessary. Not all programs and concentrations are available at all locations.

START DATE _____
ORIENTATION _____

Tuition Includes

- ▶ Tutoring
- ▶ Parking fees
- ▶ Graduate employment services
- ▶ Externships (if applicable)
- ▶ Subsidized certification vouchers
- ▶ Full- and part-time job assistance while attending school

Application Fee \$15 non-refundable, one-time charge

Registration Fee \$100

Monthly Payment Monthly payments are determined after all federal grants and loans, scholarships, and alternative loans are applied.

What You Need

- ▶ Complete FAFSA online at fafsa.gov (for help go to: ecpi.edu/fa)
- ▶ 3 references

Program Cost

- ▶ Associate = 5 semesters x \$8,712 = \$43,560 (est.)
- ▶ Bachelor's = 8 semesters x \$8,712 = \$69,696 (est.)
- ▶ Accelerated Bachelor's = 4 semesters x \$8,712 = \$34,848* (est.)
- ▶ ECPI semester = 15 weeks consisting of three 5-week terms
- ▶ Technology fee = \$480.00 per semester
- ▶ ECPI University reserves the right to make changes in tuition and fees without further notice.

*Cost will vary by individual student's final transfer credits. Final cost will be calculated at time of enrollment.



COMPUTER & INFORMATION SCIENCE PROGRAM DEGREES

BACHELOR'S DEGREE

SOFTWARE DEVELOPMENT MAJOR

- ▶ Mobile Development
- ▶ Web Design & Development
- ▶ Data Analytics
- ▶ Software Development

CYBER & INFORMATION SECURITY TECHNOLOGY MAJOR

- ▶ Cloud Computing
- ▶ Cyber & Information Security Technology
- ▶ Accelerated Cyber & Information Security Technology (Degree Completion)
- ▶ Cybersecurity
- ▶ Digital Forensics Technology

ASSOCIATE DEGREE

AS (VA & NC) AAS (SC)

- ▶ Cyber & Information Security Technology
- ▶ Software Development

*Programs offered vary by campus location.

