COLLEGE OF TECHNOLOGY BACHELOR OF SCIENCE (BS) COMPUTER & INFORMATION SCIENCE CYBER & INFORMATION SECURITY TECHNOLOGY

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In today's digital landscape, unlimited possibilities exist for communication, business and entertainment online. However, the rise in cyber innovation and usage brings with it a brand new age of electronic crime and security threats due to the widespread amount of sensitive, personal and often times classified information transmitted every day. This intensifies the demand for skilled workers who have the ability to conduct digital forensics investigations and assist in securing computer systems and mobile networks in nearly every industry. ECPI University's new Digital Forensics Technology track is designed to provide students with the knowledge and skills necessary to install, secure, test, and maintain computer networks in order to eliminate digital threats and protect critical infrastructure.

This program provides a hands-on, skills based learning approach that mirrors actual work environments. If you are interested in pursuing a career that combines knowledge of cyber networks, and the ability to gather electronic evidence to protect communities and businesses from digital threats, consider earning a degree in Cyber and Information Security Technology with a focus on Digital Forensics Technology.



Outcomes

Upon successful completion of the Bachelor of Science in Computer & Information Science, graduates are able to:

- Design, implement, and evaluate computer-based solutions that incorporate the appropriate computing requirements identified through the analysis of specific organizational or computing problems
- Function effectively on teams to establish goals, plan tasks, meet deadlines, manage risk, and produce deliverables
- Apply written, oral, and graphical communication in both technical and nontechnical environments
- Evaluate and use appropriate technical literature
- Engage in continuous professional development through user groups, associations, conferences, readings, research, and other channels
- Develop and apply ethical and legal best practices in the maintenance and security of information and systems

Cyber and Information Security Technology Major Outcomes:

- Plan, design, configure and administer a network and security infrastructure
- Maintain, monitor, and troubleshoot a network and security infrastructure
- Assess and implement technical and non-technical security controls to protect an organization from threats and vulnerabilities

Possible Career Track

Careers in the field of Cyber and Information Security with a focus on Digital Forensics include:

- Digital Forensics Analyst
- Cyber Security Specialist
- Security Architect
- Computer Forensic Investigator
- Information Security Analyst







DIGITAL FORENSICS TECHNOLOGY TRACK BACHELOR OF SCIENCE DEGREE

To receive a Bachelor's Degree in Computer and Information Science with a Major in Cyber and Information Security Technology - Digital Forensics Technology Track, students must earn 120 semester credit hours. The program requires a minimum of eight semesters or 30 months of instruction.

Program Requirements are as follows:

CORE CURRICULUM	CREDITS	SELF INTEGRATION	CREDITS
28 SEMESTER CREDIT HOURS		9 SEMESTER CREDIT HOURS	
Introduction to Business	3	Introduction to Operating Systems	3
Applied Project Management	3	Office Applications	2
Applied Project Management LAB	1	Essentials for Success	3
Introduction to Programming	3	Career Orientation	1
Introduction to Cloud Solutions	3		
Introduction to Networking	3	CYBER AND INFORMATION	
Linux Administration	3		
Principles of Cybersecurity	3	37 SEMESTER CREDIT HOURS	
Introduction to Databases	3	Computer Configuration I	З
Introduction to Scripting	3	Introduction to Routing and Switching	3
		Introduction to Routing and Switching Lab	1
ARTS AND SCIENCES*		Intermediate Routing and Switching	3
31 SEMESTER CREDIT HOURS		Routing and Switching LAB	1
Arts and Sciences Canstone	3	Network Protocols and Services	3
Principles of Communication	3	Windows Client and Server	3
College Composition	3	Windows Client and Server	1
Advanced Composition	3	Advanced Windows Server	3
Culture & Diversity: Exploring the Humanities	3	Windows Active Directory	3
Colleae Alaebra	3	Windows Active Directory Lab	1
Statistics	3	Network Scripting	3
Introduction to Psychology	3	Ethical Hacking	3
Positive Psychology	3	Advanced Defense and Countermeasures	3
ONE LECTURE COURSE & CORRESPONDING LAB		ONE OF THESE TWO COURSES:	
FROM THE FOLLOWING:		Cyber and Network Security Capstone	3
Physics	3	Bachelor's Externship-CIS	3
Physics LAB	1		
Environmental Biology	3		
Environmental Biology LAB	1	TRACK	
*For allowable substitutions of arts and sciences courses, see the Arts and		15 SEMESTER CREDIT HOURS	
Sciences Department page		Criminal Law I	3
		Criminal Procedure	3

Criminal Procedure3Investigations3Digital Forensic Analysis3Mobile Device Forensics3

SEMESTER CREDIT HOURS 120

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*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.





START DATE

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 r
	one-
Registration Fee	\$100
Monthly Payment	Mont

15 non-refundable, ne-time charge

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.





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.

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