



BACHELOR'S DEGREE IN INFORMATION TECHNOLOGY WITH EMPHASIS IN CYBERSECURITY

Possible Employment Opportunities*

- Developer of Security Design ◀
- Information Assurance Specialist ◀
- Computer Forensic Investigator ◀
- Ethical Hacker ◀
- Digital Security related jobs ◀

The Bachelor's Degree program in Information Technology with Emphasis in Cybersecurity introduces students to a variety of topics, such as assessing the security vulnerability of computer and network systems, various computer and network safeguarding solutions, and managing the implementation and maintenance of security devices, systems, procedures and counter measures. As a graduate of the program, students will be prepared for a career as a developer of security design, information assurance, computer forensic investigator, ethical hacker, and/or any digital security related jobs.

Certifications

Students are eligible to sit for exams for:

- CompTIA A+
- CompTIA Network +
- CompTIA Security +

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FTC is approved by State Approving Agency for Veterans' Affairs

*These examples are intended to serve only as a general guide of possible employment opportunities. There are many factors that determine the job an individual may obtain, and Florida Technical College cannot guarantee its graduates any particular job. Some positions may require a license or other certifications. We encourage you to research the requirements for the particular position you desire. Program availability varies by campus.

BACHELOR'S DEGREE IN INFORMATION TECHNOLOGY WITH EMPHASIS IN CYBERSECURITY

Admission Requirements

- High School Diploma or a recognized equivalent.

Duration Of Program

- **36 month**
- **181.5 quarter** credit hours

Distribution

- 75 credits - Lower Level Courses
- 48 credits - Upper Level Courses
- 4.5 credits – Elective Course
- 54 credits – General Education Courses

Courses

- Preparing for A+ Certification
- Computer Programming Design
- Programming for Security [Python]
- A+ Hardware, Networking & Mobile Computer Systems
- A+ Software, Security & Operating Systems
- Routing and Switching
- Networking Fundamentals
- Security Fundamentals
- LAN Analysis and Design
- Windows Professional
- Windows Server
- Windows Network Infrastructure
- Designing Security for a Windows Network Lecture/Lab
- Virtualization and Cloud Management
- Linux Administration
- Information Assurance
- Cyber Laws and Compliance
- Network Hardening
- Web Applications and Social Network Security
- Cryptography and Network Security
- Intrusion Detection and Incident Response
- Digital Forensics I & II
- Ethical Hacking



7 Florida campuses*

*Program availability varies by location.



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