Awards

ASSOCIATE DEGREES:
IT/Network Administration (A25590A)
IT/Database Management (A25590B)
IT/Computer Programming & Development (A25590C)
IT/Digital Media Technology (A25590D)
IT/Game and Interactive Programming (A25590G)
IT/Network Management (A25590N)
IT/PC Support & Services (A25590P)
IT/Systems Security & Analysis (A25590S)
IT/Mobile Applications Developer (A25590X)

Length of Program: 5 Semesters
Prerequisite: High School Diploma, Placement Test Equivalent

CERTIFICATES:
IT/Java Programming Certificate (C25590C1)
IT/C# Programming Certificate (C25590C2)
IT/Mobile Application Development Cert. (C25590C3)
IT/Database Programming Certificate (C25590C5)
IT/Visual Basic Programming Certificate (C25590C6)
IT/Digital Animation Certificate (C25590C7)
IT/Linux Certificate (C25590C10)
IT/Microsoft Networking Certificate (C25590C12)
IT/Microsoft Desktop Support Certificate (C25590C13)
IT/Python Programming Certificate (C25590C20)
IT/Intro to iOS Development Using Swift Certificate (C25590C27)

Length of Program: 3 Semesters
Prerequisite: High School Diploma, Placement Test Equivalent

CERTIFICATES:
IT/Digital Media Basics Certificate (C25590C4)
IT/Cisco Networking Certificate (C25590C8)
IT/Computer Technologies Certificate (C25590C9)
IT/Hardware and Software Certificate (C25590C11)
IT/Mobile & Web Basics Certificate (C25590C14)
IT/Cyber Crime Fundamentals Certificate (C25590C15)
IT/Cyber Crime Analysis Certificate (C25590C16)
IT/Cyber Security Operations Certificate (C25590C17)
IT/Information Technology Basics Certificate (C25590C18)
IT/Wireless Networking Security Certificate (C25590C19)
IT/Network Defense Specialist Certificate (C25590C21)
IT/Microsoft Office Specialist Excel & Access Certificate (C25590C22)
IT/Mobile Design Certificate (C25590C23)
IT/Social Media Certificate (C25590C24)
IT/Web Management Certificate (C25590C25)
IT/Cisco Entry Networking Certificate (C25590C26)
IT/Data Analysis Using SAS Certificate (C25590C28)
IT/Cloud Management Certificate (C25590C29)

Length of Program: 2 Semesters
Prerequisite: Placement Test Equivalent

HIGH SCHOOL CONNECTIONS CERTIFICATES:
IT/Mobile App Development Certificate (C25590H1)
IT/Digital Media Basics Certificate (C25590C8)
IT/Hardware and Software Certificate (C25590C9)
IT/Computer Technologies Certificate (C25590C9)
IT/Cyber Crime Fundamentals Certificate (C25590C15)
IT/Cyber Crime Analysis Certificate (C25590C16)
IT/Cyber Security Operations Certificate (C25590C17)
IT/Information Technology Basics Certificate (C25590C18)
IT/Wireless Networking Security Certificate (C25590C19)
IT/Network Defense Specialist Certificate (C25590C21)
IT/Microsoft Office Specialist Excel & Access Certificate (C25590C22)
IT/Mobile Design Certificate (C25590C23)
IT/Social Media Certificate (C25590C24)
IT/Web Management Certificate (C25590C25)
IT/Cisco Entry Networking Certificate (C25590C26)
IT/Data Analysis Using SAS Certificate (C25590C28)
IT/Cloud Management Certificate (C25590C29)

Length of Program: 2 Semesters
Prerequisite: High School Diploma, Placement Test Equivalent

Program Information Contact

Curriculum Chairperson
Chris Herring
(910) 678-8509
General Classroom Building, Room 202-T
herrings@faytechcc.edu
https://www.faytechcc.edu/academics/computer-information-technology-programs/cyber-defense-education-center/
The Information Technology (IT) curriculum prepares graduates for employment in the technology sector as designers, testers, support technicians, system administrators, developers, or programmers who use computer software and/or hardware to design, process, implement, and manage information systems in specialties such as database services, security, business intelligence, healthcare informatics and others depending on the technical path selected within this curriculum.

Course work includes development of a student’s ability to create, store, communicate, exchange and use information to solve technical issues related to information support and services, interactive media, network systems, programming and software development, information security and other emerging technologies based on the selected area of study.

Graduates should qualify for employment in entry-level positions with businesses, educational systems, and governmental agencies which rely on computer systems to design and manage information. The program will incorporate the competencies of industry-recognized certification exams.

**FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE**

**INFORMATION TECHNOLOGY/SYSTEMS SECURITY & ANALYSIS (A25590S)**

**Effective:** Fall 2020  
**Revised:** 12/27/19

**Length:** 5 Semesters  
**Prerequisite:** High School Diploma, Placement Test Equivalent  
**Award:** Associate in Applied Science

### SEMESTER 1

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**TOTALS**  
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**TOTAL REQUIRED CREDITS...66**

### Work-Based Learning Option:
Qualified students may elect to take up to two (2) credit hours of Work-Based Learning in lieu of a major elective provided they acquire approval from the Work-Based Learning Coordinator and the Department Chairperson.

*Note: Students may not take an introductory foreign language to fulfill the Humanities/Fine Arts requirement.

### Scholarship/Title IV Financial Aid/VA Services:
Scholarships/Title IV Financial Aid/Veteran's assistance may be available for associate degrees. Certificates and diplomas that fall under this program/area of study may or may not be eligible for Scholarship/Title IV Financial Aid/VA Services. Please contact the Financial Aid Office, Student Center, Room 2; Telephone (910) 678-8242. Veterans Services, General Classroom Building, Room 202, (910) 678-8580.

Refer to the FTCC website for the most current information. Go to www.faytechcc.edu and click on College Catalog.