Awards

ASSOCIATE DEGREES:
IT/Network Administration (A25590A)
IT/Database Management (A25590B)
IT/Computer Programming & Development (A25590C)
IT/Digital Media Technology (A25590D)
IT/Multimedia & Interactive Entertainment Technologist (A25590E)
IT/User Interface and Experience Design (A25590I)
IT/Network Management (A25590N)
IT/PC Support & Services (A25590P)
IT/Systems Security & Analysis (A25590S)
IT/Cloud Management (A25590U)

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 Certificate (C25590C3)
IT/Database Programming Certificate (C25590C5)
IT/Digital Animation Certificate (C25590C7)
IT/Microsoft Networking Certificate (C25590C12)
IT/Python Programming Certificate (C25590C20)
IT/Intro to iOS Development Using Swift Certificate (C25590C27)
IT/Microsoft Server Administration Certificate (C25590C31)

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/Linux Certificate (C25590C10)
IT/Hardware and Software Certificate (C25590C11)
IT/Microsoft Desktop Support Certificate (C25590C13)
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/Network Defense Specialist Certificate (C25590C21)
IT/Microsoft Office Specialist Excel & Access Certificate (C25590C22)
IT/Mobile Design Certificate (C25590C23)
IT/Cisco Entry Networking Certificate (C25590C26)
IT/Cloud Management Certificate (C25590C29)
IT/Audio and Video Editing Certificate (C25590C30)
IT/UI-UX Certificate (C25590C32)
IT/Computer Science Transfer Certificate (C25590C33)
IT/Digital Marketing Technology Certificate (C25590C34)
IT/Social Media Content Production Certificate (C25590C35)
IT/Business Intelligence Certificate (C25590C37)

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

Awards

IT/CompTIA Essentials Certificate (C25590C36)
IT/Support Technology Specialist Certificate (C25590C38)

Length of Program: 1 Semester
Prerequisite: High School Diploma, Placement Test Equivalent

HIGH SCHOOL CONNECTIONS CERTIFICATES:
IT/Digital Media Basics Certificate (C25590H2)
IT/Hardware and Software Certificate (C25590H3)
IT/Computer Technologies Certificate (C25590H4)
IT/Network Defense Specialist Certificate (C25590H5)
IT/Python Programming Certificate (C25590H8)
IT/Cisco Entry Networking Certificate (C25590H9)
IT/Intro to iOS Development Using Swift Certificate (C25590HB)
IT/ Audio and Video Editing Certificate (C25590HC)
Computer Science Transfer Certificate (C25590HE)
IT/Microsoft Desktop Support Certificate (C25590HF)

Length of Program: 2 Semesters
Prerequisite: Placement Test Equivalent

Program Information Contact

Curriculum Chairperson
Carlos Bodden
(910) 678-7367
General Classroom Building, Room 202-U
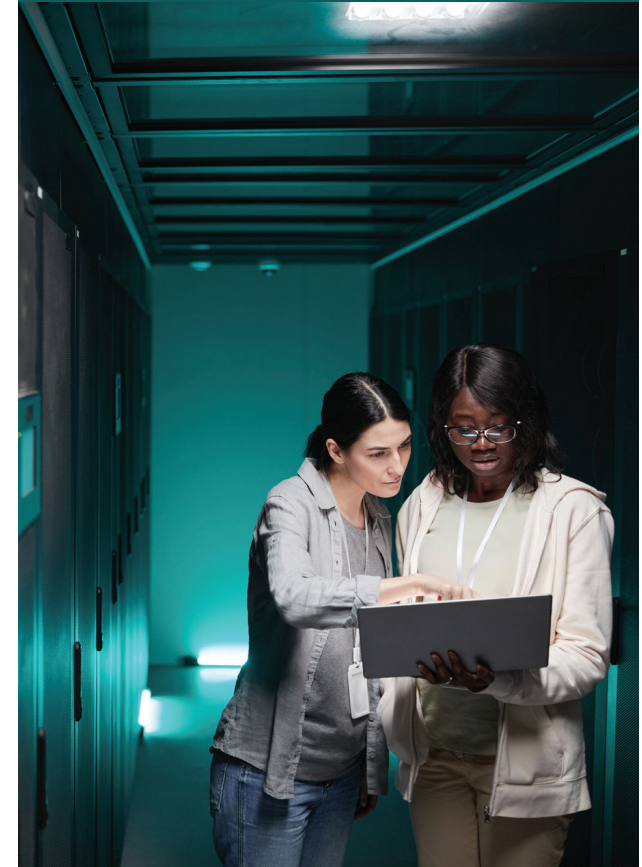boddenc@faytechcc.edu
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FTCC

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INFORMATION TECHNOLOGY/ NETWORK MANAGEMENT

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Fayetteville Technical Community College

910-678-8400
P.O. Box 35236 • 2201 Hull Road
Fayetteville, NC 28303

An Equal Opportunity Employer

FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE
INFORMATION TECHNOLOGY/NETWORK MANAGEMENT (A25590N)
Effective: Fall 2023
Revised: 01/10/23

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

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.

SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
ACA	120	Career Assessment	1	0	0	1
or						
ACA	122	College Transfer Success	0	2	0	1
CTI	120	Network & Sec Foundation	2	2	0	3
CTS	120	Hardware/Software Support	2	2	0	3
ENG	110	Freshman Composition	3	0	0	3
or						
ENG	111	Writing and Inquiry	3	0	0	3
MAT	143	Quantitative Literacy	2	2	0	3
or						
MAT	171	Precalculus Algebra	3	2	0	4
NOS	110	Operating Systems Con	2	3	0	3
		TOTALS	**11**	**9**	**0**	**16**

SEMESTER 2

Prefix	No.	Title	Class	Lab	Clinical	Credit
CTI	110	Web, Pgm, I DB Foundation	2	2	0	3
*NET	125	Introduction to Networks	1	4	0	3
**NET	126	Routing Basics	1	4	0	3
NOS	120	Linux/UNIX Single User	2	2	0	3
SEC	110	Security Concepts	2	2	0	3
		TOTALS	**8**	**14**	**0**	**15**

SEMESTER 3

Prefix	No.	Title	Class	Lab	Clinical	Credit
NOS	220	Linux/UNIX Admin I	2	2	0	3
NOS	230	Windows Administration I	2	2	0	3
		TOTALS	**4**	**4**	**0**	**6**

SEMESTER 4

Prefix	No.	Title	Class	Lab	Clinical	Credit
CSC	121	Python Programming	2	3	0	3
CTS	115	Info Sys Bus Concepts	3	0	0	3
*NET	225	Routing & Switching I	1	4	0	3
**NET	226	Routing & Switching II	1	4	0	3
NOS	125	Linux/UNIX Scripting	2	2	0	3
		TOTALS	**9**	**13**	**0**	**15**

SEMESTER 5

Prefix	No.	Title	Class	Lab	Clinical	Credit
COM	120	Intro Interpersonal Com	3	0	0	3
or						
COM	231	Public Speaking	3	0	0	3
HUM	110	Technology and Society	3	0	0	3
NET	289	Networking Project	1	4	0	3
		Social/Behav Sci Elective	3	0	0	3
		Major Elective	1	2	0	2
		TOTALS	**11**	**6**	**0**	**14**

TOTAL REQUIRED CREDITS...66

*1st 8 weeks **2nd 8 weeks

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.

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

Other Important Information

Application Deadlines: The program only admits students in the fall semester. A student may enter at other times with approval of the Department Chairperson.

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.