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/Mobile & Web Programming (A25590M)
IT/Network Management (A25590N)
IT/PC Support & Services (A25590P)
IT/Systems Security & Analysis (A25590S)

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)

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

Awards

HIGH SCHOOL CONNECTIONS CERTIFICATES:

IT/Mobile App Development Certificate (C25590H1)
IT/Digital Media Basics Certificate (C25590H2)
IT/Hardware and Software Certificate (C25590H3)
IT/Computer Technologies Certificate (C25590H4)
IT/Network Defense Specialist Certificate (C25590H5)
IT/Wireless Networking Security Certificate (C25590H7)
IT/Python Programming Certificate (C25590H8)
IT/Cisco Entry Networking Certificate (C25590H9)
IT/Data Analysis Using SAS Certificate (C25590HA)
IT/Intro to iOS Development Using Swift Certificate (C25590HB)

Length of Program: 2 Semesters
Prerequisite: Placement Test Equivalent

Program Information Contact

Curriculum Chairperson
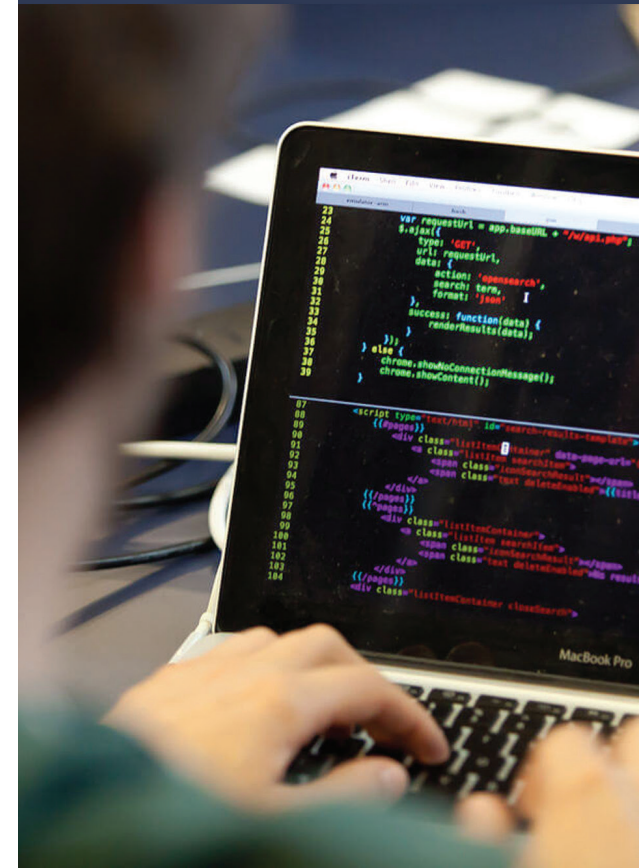Anthony Cameron
(910) 678-8571
Advanced Technology Center, Room 113-F
camerona@faytechcc.edu
www.faytechcc.edu

FTCC

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

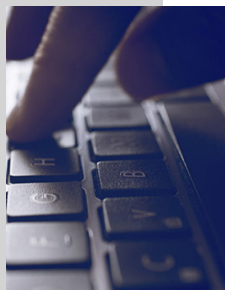# INFORMATION TECHNOLOGY/ MOBILE & WEB PROGRAMMING

www.faytechcc.edu

Fayetteville Technical Community College

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

An Equal Opportunity Employer

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/MOBILE & WEB PROGRAMMING (A25590M)
Effective: Fall 2018
Revised: 02/07/18

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

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
CIS	115	Intro to Prog & Logic	2	3	0	3
CTI	110	Web, Pgm, I DB Foundation	2	2	0	3
CTS	150	Mobile Computing Devices	2	2	0	3
ENG	110	Freshman Composition	3	0	0	3
or						
ENG	111	Writing and Inquiry	3	0	0	3
		TOTALS	**9**	**7**	**0**	**13**

SEMESTER 2

Prefix	No.	Title	Class	Lab	Clinical	Credit
CSC	121	Python Programming	2	3	0	3
CTS	115	Info Sys Business Concepts	3	0	0	3
WEB	115	Web Markup and Scripting	2	2	0	3
WEB	141	Mobile Interface Design	2	2	0	3
WEB	151	Mobile Application Dev I	2	2	0	3
		TOTALS	**11**	**9**	**0**	**15**

SEMESTER 3

Prefix	No.	Title	Class	Lab	Clinical	Credit
CTI	120	Network & Sec Foundation	2	2	0	3
WEB	125	Mobile Web Design	2	2	0	3
		TOTALS	**4**	**4**	**0**	**6**

SEMESTER 4

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
WEB	215	Adv Markup and Scripting	2	2	0	3
WEB	225	Content Management Sys	2	2	0	3
WEB	251	Mobile Application Dev II	2	2	0	3
		Major Elective	4	2	0	5
		TOTALS	**13**	**8**	**0**	**17**

SEMESTER 5

Prefix	No.	Title	Class	Lab	Clinical	Credit
CSC	289	Prog Capstone Proj	1	4	0	3
or						
WEB	289	Internet Technologies Proj	1	4	0	3
MAT	143	Quantitative Literacy	2	2	0	3
or						
MAT	171	Precalculus Algebra	3	2	0	4
		Humanities Fine Arts Elect	3	0	0	3
		Social/Behav Sci Elective	3	0	0	3
		Major Elective	2	2	0	3
		TOTALS	**11**	**8**	**0**	**15**

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.

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.

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