

Awards

ASSOCIATE DEGREES:

IT/Network Administration (A25590A)
IT/Database Management (A25590B)
IT/Computer Programming & Development (A25590C)
IT/Digital Media Technology (A25590D)
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)
IT/Mobile Applications Developpe (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 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/Web Management Certificate (C25590C25)
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)

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IT/Digital Marketing Technology Certificate (C25590C34)
IT/Social Media Content Production Certificate (C25590C35)
IT/CompTIA Essentials Certificate (C25590C36)
IT/Support Technology Specialist Certificate (C25590C38)

Length of Program: 2 Semesters

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)
IT/Mobile & Web Basics Certificate (C25590HD)
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

Stephen Umland
(910) 678-9792

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www.faytechcc.edu



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SOUTHERN ASSOCIATION OF COLLEGES AND SCHOOLS ON COLLEGES

Fayetteville Technical Community College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate degrees, diplomas, and certificates. Questions about the accreditation of Fayetteville Technical Community College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (www.sacscoc.org).

INFORMATION TECHNOLOGY/ GAME AND INTERACTIVE PROGRAMMING



www.faytechcc.edu

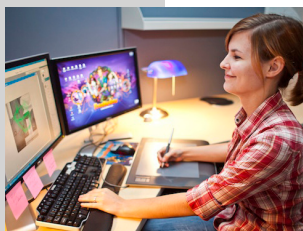
*Fayetteville Technical
Community College*

910-678-8400

P.O. Box 35236 • 2201 Hull Road
Fayetteville, NC 28303

An Equal Opportunity Employer

PROGRAM FACT SHEET INFORMATION TECHNOLOGY/ GAME & INTERACTIVE PROGRAMMING (A25590G)



The Information Technology/Game and Interactive Programming curriculum prepares graduates for employment in the gaming and interactive applications industry.

Course work includes game programming, multimedia scripting, app development, and interactive programming.

Graduates should qualify for employment as game programmers, game app developers, and interactive programmers.

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/GAME & INTERACTIVE PROGRAMMING (A25590G)

Effective: Fall 2021

Revised: 12/18/20

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
MAT	171	Precalculus Algebra	3	2	0	4
SGD	111	Introduction to SGD	2	3	0	3
SGD	112	SGD Design	2	3	0	3
SGD	113	SGD Programming	2	3	0	3
TOTALS			9	11	0	14

SEMESTER 2

Prefix	No.	Title	Class	Lab	Clinical	Credit
CTI	110	Web, Pgm, I DB Foundation	2	2	0	3
ENG	110	Freshman Composition	3	0	0	3
or						
ENG	111	Writing and Inquiry	3	0	0	3
SGD	115	Physically-Based Modeling	2	2	0	3
SGD	174	SG Level Design	2	3	0	3
SGD	180	SGD HTML Programming I	2	3	0	3
TOTALS			11	10	0	15

SEMESTER 3

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
		Social/Behav Sci Elective	3	0	0	3
TOTALS			6	0	0	6

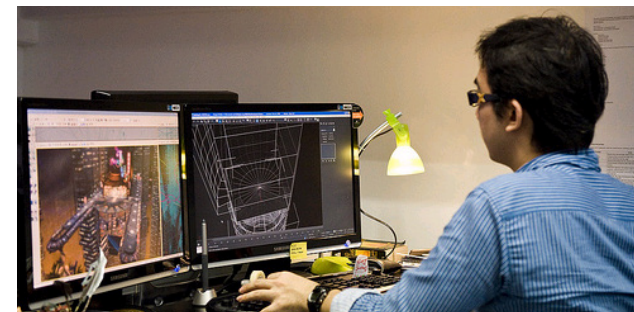
SEMESTER 4

Prefix	No.	Title	Class	Lab	Clinical	Credit
CIS	115	Intro to Prog & Logic	2	3	0	3
CTI	120	Network & Sec Foundation	2	2	0	3
SGD	168	Mobile SG Programming I	2	3	0	3
SGD	213	SGD Programming II	2	3	0	3
		Major Elective	2	3	0	3
TOTALS			10	14	0	15

SEMESTER 5

Prefix	No.	Title	Class	Lab	Clinical	Credit
CTS	115	Info Sys Business Concepts	3	0	0	3
SGD	288	SGD Portfolio Design	1	2	0	2
SGD	289	SGD Project	2	3	0	3
		Humanities Fine Arts Elect	3	0	0	3
		Major Elective	3	5	0	5
TOTALS			12	10	0	16

TOTAL REQUIRED CREDITS...66



Work-Based Learning Option: Qualified students may elect to take up to three (3) 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.