

# Computer Science Program

## Computer Science Certificates

The Computer Science Department offers four short certificate options: App Development with Swift, Computer Programming, Networking, and Web Technologies. These certificate programs are designed to prepare students for entry-level employment. All course work in a certificate program will apply to the corresponding Associate in Applied Science degree.

## Associate in Applied Science in Computer Science

This curriculum is designed for students planning to enter the field of computer information technology and those, already employed, who need specialized/updated skills required by the computing industry. Options are available for concentrated study in Computer Programming, Networking, or Web technologies.

A student gains admission to the Associate in Applied Science Program by completing the corresponding certificate program.

Check with your four-year institution for transferability of courses. The AAS degree program is not designed for transfer.

## Computer Science Courses

(All courses available online – except Swift)

CIS 113 Spreadsheet Software Applications  
CIS 117 Database Management Software Applications  
CIS 130 Introduction to Information Systems  
CIS 146 Microcomputer Applications (Microsoft® Office)  
CIS 150 Introduction to Computer Logic and Programming  
CIS 157 Introduction to App Development with Swift  
CIS 207 Introduction to Web Development  
CIS 208 Intermediate Web Development  
CIS 209 Advanced Web Development  
CIS 215 C# Programming  
CIS 216 Advanced C# Programming  
CIS 220 App Development with Swift I  
CIS 227 App Development with Swift II  
CIS 250 E-Commerce  
CIS 251 C++ Programming  
CIS 255 Java Programming  
CIS 263 Computer Maintenance  
CIS 270 CISCO CCNA I  
CIS 271 CISCO CCNA II  
CIS 272 CISCO CCNA III  
CIS 273 CISCO CCNA IV  
CIS 275 Workstation Administration  
CIS 276 Server Administration  
CIS 277 Network Services Administration  
CIS 278 Directory Services Administration  
CIS 280 Network Security  
CIS 282 Computer Forensics  
CIS 285 Object-Oriented Programming (Advanced Java)  
CIS 287 SQL Server



## Full-Time Faculty

Tommy Battles – Program Assistant,  
B.S., University of Alabama  
M.S., University of Alabama

Anthony Blevins – B.S. Troy University  
M.B.A., University of Phoenix

Wade Crawford – M.S., Jacksonville State

Linda Dobyns – M.B.A., University of Alabama at  
Birmingham  
M.I.T. American  
Intercontinental University

Syed Raza – M.B.A, Strayer University  
Ph.D., Nova Southeastern  
University

All full-time Computer Science faculty members are advisors for the Computer Science Program.

## Computer Facilities

Jefferson State has state-of-the-art computer labs. All lab computers are networked and have Internet access.

Open labs are available Monday through Thursday from 8:00 a.m. until 9:30 p.m., Friday 8:00 a.m. until 4:00 p.m., and Saturday times determined each semester.



[jeffersonstate.edu/CIS](http://jeffersonstate.edu/CIS)

## Why Choose Computer Science at Jefferson State?

- Dedicated instructors who are available to students
- Longstanding reputation of excellence
- Small classes with personal attention
- Courses and degree programs to meet a wide range of demands
- Updated courses and degree programs that reflect the skills needed in the workforce of today and tomorrow
- Affordable tuition
- Day, evening, weekend, and Internet classes available
- Computer labs at all campuses
- Internet access available in all computer labs
- Three A.A.S. options and four certificate options: App Development with Swift, Computer Programming, Networking, and Web Technologies

### Additional Information

The college catalog including course descriptions and the current class schedule are available online at [www.jeffersonstate.edu/catalog](http://www.jeffersonstate.edu/catalog).

For additional information or assistance, please call the Business/Information Systems Department at:

Jefferson Campus  
(205) 856-7864

Shelby-Hoover Campus  
(205) 983-5945

### New Students

New students should contact Enrollment Services at (205) 856-7704 for admission information or visit [www.jeffersonstate.edu/admissions](http://www.jeffersonstate.edu/admissions).

**FIND YOUR  
PLACE  
AT JEFFERSON STATE**

Jefferson State does not discriminate on the basis of race, color, national origin, sex, disability, or age in its admissions, programs and activities in compliance with Title VI and VII of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, Title IX of the Educational Amendments of 1972 and the Americans with Disabilities Act of 1990.

# Computer Science Program



*Jefferson State*  
Community College

[jeffersonstate.edu/CIS](http://jeffersonstate.edu/CIS)