



Computer Science: Software Developer Certificate

2018–2019

DESCRIPTION:

The Software Developer Certificate program is designed for practitioners in the IT field who wish to update their skill sets to include current programming languages, database programming, and web development fundamentals. This culminates in a Columbus State-awarded certificate. For more information, see csc.edu/computerscience.

ADMISSION REQUIREMENTS:

This is a non-selective, open-admission program; students may start in any semester. The certificate program is recommended for students with prior industry experience as software developers.

ONGOING REQUIREMENTS:

Students must maintain the minimum GPA required by the College.

OPPORTUNITIES FOR GRADUATES:

According to the U.S. Bureau of Labor Statistics, employment of software developers is projected to grow 17 percent from 2014 to 2024. This is much faster than the average for all occupations. Graduates have career opportunities in a variety of industries including technology, insurance, financial services, retail, energy, aerospace, publishing, transportation, and pharmaceuticals. Students completing this certificate will gain a knowledge of current technologies and practices in the field which they can apply to their current and future positions.

CERTIFICATE REQUIREMENTS (COMPUTER SCIENCE: SOFTWARE DEVELOPER CERTIFICATE):**FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
CSCI 1145 HTML		3	
CSCI 1511 Python Programming		3	
CSCI 2467 Java Programming I or CSCI 1630 C# Programming I		3	
Semester Credits		9	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 2370 Database Systems Programming	AU/SU	3	
CSCI 2447 JavaScript Fundamentals	AU	3	
CSCI 2469 Java Programming II or CSCI 2630 C# Programming II	AU/SP	3	
Semester Credits		9	
Total		18	

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester
Requirements subject to change.