Computer Science: Web Developer
Associate of Applied Science (A.A.S.)
2018–2019

DESCRIPTION:

The Web Developer A.A.S. degree program is designed to provide students with a strong base of technical skills required for working in web design. The degree has a diverse curriculum in both online and in traditional formats, which includes many computer science courses targeted at providing students with an understanding of multiple aspects in the Computer Science field. These include programming, troubleshooting, networking, and soft skills. Many of the basic and general courses in the degree program provide the student transfer options for similar courses at four-year institutions. The skills learned in the Web Developer program could also translate to work opportunities in the field. In addition to educating web developers with entry-level training, the program provides opportunities for individuals seeking career changes, continuing education, and skills enhancement. For more information, see cscc.edu/computerscience.

ADMISSION REQUIREMENTS:

Students must place into English 1100 and Math 1111.

ONGOING REQUIREMENTS:

Students must pass CSCI 1103 to continue with the Web Developer Degree Program. Students must also complete the Capstone course during the final semester of their degree.

OPPORTUNITIES FOR GRADUATES:

Career:

Graduates with the Web Developer A.A.S. degree can work in a wide variety of positions in virtually every business and industry. These positions include web developer, web consultant, web app developer, freelance developer, Wordpress developer, or other industry-leading content management systems, software developer, and graphic design for the web.

Transfer:

Graduates with the Computer Science Web Developer A.A.S. degree can transfer to a four-year institution to complete the baccalaureate degree program in computer science and/or engineering disciplines. Most Web Developer A.A.S. degree graduates typically go to The Ohio State University or Franklin University.

COLUMBUS STATE
COMMUNITY COLLEGE

DEGREE REQUIREMENTS (COMPUTER SCIENCE-WEB DEVELOPER A.A.S.):

FIRST SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 1101 Computer Concepts & Applications (should transfer to most four-year schools)	AU/SP/SU	3	
CSCI 1103 Introduction to Programming Logic	AU/SP	3	
COLS 1100 First Year Experience Seminar	AU/SP/SU	1	
MATH 1111 Discrete Mathematics for Computing	AU/SP/SU	3	
ENGL 1100 English Composition	AU/SP/SU	3	
Semester Credits		13	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 1152 Networking Concepts	AU/SP	3	
CSCI 1145 HTML	AU/SP	3	
ACCT 1211 Financial Accounting	AU/SP/SU	3	
ECON 2200 Principles of Microeconomics	AU/SP/SU	3	
Semester Credits		12	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 1275 Systems Analysis	AU/SU	3	
HUM (select from list a course that transfers for four-year degree)	AU/SP/SU	3	
GIS 1102 Mapping for Everyone	AU/SP/SU	2	
Semester Credits		8	

FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 2467 Java Programming I	AU/SP	3	
CSCI 2412 Web Database Development	SP	4	
CSCI 2447 Javascript Fundamentals	AU/SU	3	
COMM 2204 Technical Writing	AU/SP/SU	3	
IMM 1100 Principles of Interactive Design	AU/SP/SU	3	
Semester Credits		16	

FIFTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 2489 Mobile Software Development	SP	3	
MKTG 1110 Marketing Principles	AU/SP/SU	3	
CSCI Technical Elective	AU/SP/SU	3	
CSCI 2802 (seminar), CSCI 2902 (practicum) or CSCI 2999 (Capstone requires internship)	On Demand	3-4	
NAT Elective (select from list)	AU/SP/SU	3	
Semester Credits		15-16	
Total		64-65	

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