

Web Development AAS Degree (2017-2018)

This area of emphasis prepares you for an entry-level position in Web Design/Development with a focus on the programming and database aspects of websites. Course offerings provide a mix of programming and applications that have been researched and retrofitted to meet the demands of today's Web fields. The Computer Information Systems Associate of Applied Science degree prepares you for entry-level position. You must earn a minimum grade of C in all CIS, CNG, CSC, and CWB courses.

Prerequisite: Working knowledge of computers, computer basics and Community College Placement Test required scores.

Required General Education Courses	Credits
ENG 121 English Composition I	3
MAT 121 College Algebra (or higher)	4
Choose 1 from the following	3
BUS 115 Introduction to Business (3)	
BUS 120 Introduction to E-Commerce (3)	
BUS 216 Legal Environment of Business (3)	
BUS 226 Business Statistics (3)	
MAN 210 Aligning Technology with Business Strategy (3)	
ACC 121 Accounting Principles I (4)	
Choose 1 from the following	3
ENG 122 English Composition II (3)	
ENG 131 Technical Writing (3)	
Choose 1 from the following	3
COM 115 Public Speaking (3)	
COM 125 Interpersonal Communication	
THE 118 Acting Skills: Trades/Business	
Credit from any two of the following three areas:	6
Arts & Humanities (ART, FRE, GER, HUM, ITA, JPN, LIT, MUS, PHI, RUS, SPA, THE)	
Natural & Physical Sciences (AST, BIO, CHE, ENV, GEY, PHY, SCI)	
Social & Behavioral Sciences (ANT, ECO, GEO, HIS, POS, PSY, SOC)	
Required Computer Courses	Credits
CWB 110 Complete Web Authoring: (HTML & CSS)	3
CSC 119 Introduction to Programming	3
CSC 160 Computer Science I: C++	4
CIS 220 Fundamentals of Unix	3
CIS 240 Database Design and Development	3
CIS 243 Introduction to SQL	3
CSC 217 Advanced Python Programming	3
CWB 205 Complete Web Scripting: JavaScript	3
CIS 268 Systems Analysis and Design - <i>Last Semester Course</i>	3
CIS 289 Capstone - <i>Spring Only</i>	3
Choose 9 Credits from the following	9
CSC 161 Computer Science II: C++ (4)	
CSC 236 C# Programming (4)	
CSC 237 Advanced C# Programming (4)	
CSC 240 Java Programming (3)	
CSC 241 Advanced Java Programming (3)	
CWB 164 Struct Info Create: (XML) (3)	
CWB 208 Web Application Development: PHP (3)	
CWB 209 Web Content Mng Systems (WordPress, Drupal, Joomla!) (3)	
CWB 280 Internship (3)	
<i>Speak with faculty advisor for other substitution choices</i>	
Total Credits:	62

Faculty Advisor: Candace Garrod | candace.garrod@rrcc.edu

Web Development AAS Course Sequencing Plan

Semester 1:	
CWB 110	3
CSC 119	3
Ged Ed - ENG 121	3
Ged Ed - MAT 121	4
Gen Ed - Arts & Humanities, Sciences, Social & Behavioral	3
Semester 2:	
CSC 160	4
CIS 220	3
CIS 240	3
CIS 243	3
COM 115 or COM 125	3
Semester 3:	
Gen Ed - ENG 122 or ENG 131	3
Gen Ed - Arts & Humanities, Sciences, Social & Behavioral	3
CSC 217 (Spring & Summer)	3
CWB 205	3
Choose 1 from the following that weren't chosen above for semester	3
CSC 161 (Fall only)	
CSC 236 (Fall only)	
CSC 237 (Fall only)	
CSC 240	
CSC 241 (prereq: CSC 240 Spring only)	
CWB 208 (Spring only)	
CWB 209	
Semester 4:	
CSC 268	3
CIS 289 or CWB 280	3
BUS course	3
Choose 2 from the following that weren't chosen above for semester	6
CSC 161 (Fall only)	
CSC 236 (Fall only)	
CSC 237 (Fall only)	
CSC 240	
CSC 241 (prereq: CSC 240 Spring only)	
CWB 208 (Spring only)	
CWB 209	
Total Credits:	62

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