



Computer Information Technology

Web Development Certificate

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.

Use this guide when planning your progress toward completion of the below requirements. In addition, students should meet with a faculty advisor for their area of emphasis each semester. Course semester offerings are subject to change.

Faculty Advisor(s):

Candace Garrod | 303-914-6445 | candace.garrod@rrcc.edu

Julie Schneider | 303-914-6247 | julie.schneider@rrcc.edu

Required Courses	Credits	Plan	Semesters Offered
CWB 110 Complete Web Authoring: (HTML)	3	Semester 1	Fall, Spring, Summer
CSC 119 Introduction to Programming	3	Semester 1	Fall, Spring, Summer
CSC 160 Computer Science I: C++	4	Semester 2	Fall, Spring, Summer
CIS 220 Fundamentals of UNIX	3	Semester 2	Fall, Spring, Summer
CIS 240 Database Design and Development	3	Semester 2	Fall, Spring
CIS 243 Introduction to SQL	3	Semester 2	Fall, Spring
CSC 217 Advanced Python Programming	3	Semester 3	Spring
CWB 205 Complete Web Scripting: JavaScript	3	Semester 3	Spring, Summer
Choose 9 credit hours from the following:	9		
CWB 130 Dreamweaver (3)		Semester 1	Fall, Summer
CSC 161 Computer Science II: C++ (4)		Semester 3	Fall
CSC 236 C# Programming (4)		Semester 2	Fall, Spring
CSC 237 Advanced C# Programming (4)		Semester 3	Fall, Spring
CSC 240 Java Programming (3)		Semester 3	Fall, Spring
CSC 241 Advanced Java Programming (3)		Semester 4	Spring
CSC 253 MS Web Development Fundamentals: (ASP.NET) (3)		Semester 4	Spring
CWB 164 Struct Info Create: (XML) (3)		Semester 3	Fall
CWB 208 Web Application Development: PHP (3)		Semester 3	Spring
CWB 209 Web Content Mng Systems (WordPress, Drupal, Joomla) (3)		Semester 4	Fall, Spring
CWB 280 Internship (3)		Semester 4	Fall, Spring, Summer
or faculty advisor-approved elective (3)			
Total Credits:	34		

Enroll online at www.rrcc.edu. For a complete listing of CIS programs, please visit www.rrcc.edu/cis or call 303-914-6430 for more information.