

Computer Information Technology

Web Development AAS Degree

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 and take one to two CIS AAS degree requirements. 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, Joomal)	(3)	Semester 4	Fall, Spring
CWB 280	Internship (3)		Semester 4	Fall, Spring, Summer
or faculty advisor-approved elective (3)				

Web Development AAS Degree Sub Total: 34

Computer Information Systems AAS Degree Requirements: 28 - 29

Total Credits: 62 - 63

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

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The College has designated the Human Resources Director as its Equal Opportunity Employment Officer and Title IX Administrator with the responsibility to coordinate its civil rights compliance activities and grievance procedures. Report all concerns or complaints relating to discrimination or harassment to the Title IX/EO Coordinator(s): Bill Dial, Director of Human Resources/Title IX Administrator, 13300 West Sixth Avenue, Lakewood, CO 80228. 303.914.6298. bill.dial@rrcc.edu