

RED ROCKS

COMMUNITY COLLEGE

COMPUTER TECHNOLOGY

Web Development AAS

Web Development AAS

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.

AAS Prerequisite: Working knowledge of computers and computer basics.

Required 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
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)	
or faculty advisor-approved elective (3)		
Web Development AAS Degree Sub Total:		34
Computer Information Systems AAS Requirements (see back page):		28
Total Credits:		62

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

Red Rocks Community College is committed to diversity in its people and programs. The College is an equal opportunity educational institution and does not discriminate on the basis of disability, race, creed, color, gender, sexual orientation, gender expression, religion, age, national origin, or ancestry, or any other category protected by applicable law.

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 RRCC Human Resources Department: 303.914.6570

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Computer Information Systems AAS Requirements

Computer Information Systems AAS Requirements

The Computer Information Systems Associate of Applied Science degree prepares you for entry-level positions in all areas of emphasis that are listed following the core requirements. You must earn a minimum grade of C in all CIS, CNG, CSC, and CWB courses required for a certificate or degree.

AAS Prerequisite: Community College Placement Test scores

Required Courses		Credits
ENG 121	English Composition I	3
MAT 121	College Algebra (or higher)	4
CIS 268	System Analysis and Design	3
Choose 1 from the following		3
BUS 115	Introduction to Business (3)	
BUS 120	Introduction to E-Commerce (3)	
BUS 216	Business Statistics (3)	
MAN 210	Aligning Technology with Business Strategy (3)	
ACC 121	Accounting Principles I (4)	
Faculty advisor-approved BUS course (3)		
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	
Choose 1 from the following		3
CIS 289	Capstone (3)	
CIS 280	Internship (3)	
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)		
Total Credits:		28

Computer Information Systems AAS Requirements

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