

RED ROCKS COMMUNITY COLLEGE

COMPUTER TECHNOLOGY

Web Development: Back-End

Web Development: Back-End Certificate		
<p>This area of emphasis prepares you for an entry-level position as a Back-end developer. Course offerings include high-level programming and the integration of databases. The curriculum offerings will include but are not limit to server-side languages such as PHP, Ruby, Python, Java, and .Net to build an application. Tools will include MySQL, Oracle, and SQL Server to find, save, or change data and serve it back to the user in front-end code.</p> <p>Certificate Prerequisite: Successful completion of Web Developer: Front-End Certificate</p>		
Required Courses		Credits
CIS 240	Database Design and Development	3
CIS 243	Introduction to SQL	3
CSC 240	Java Programming	3
Choose 1 of the following		3
CSC 217	Advanced Python	
Faculty Advisor Approved Elective		
Choose 1 of the following		3
CSC 241	Advanced Java Programming	
Faculty Advisory Approved Elective		
Choose 1 of the following		3
CWB 208	Web App Dev: (PHP)	
Faculty Advisor Approved Elective		
Total Credits:		18

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

Web Development: Back-End

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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Web Development Back-End Certificate Sample Course Sequencing Plans

Disclaimer: The contents of this sample represent the most current information available at the time of publication. However, during the period of time covered by this sample it is reasonable to expect changes to be made with respect to this information without prior notice. Students should regularly meet with the faculty advisor listed for the program.

Sample Course Sequencing Plan #1		Credits
Semester 1		
CIS 240	Fall & Spring - 7.5 Accelerated Fall & Spring - Online	4
CIS 243	Fall & Spring - 7.5 Accelerated Fall & Spring - Online	3
CSC 240	Fall Spring - Accelerated Summer - Online	3
Semester 2		
Choose 1 of the following:		
CSC 217	Spring Summer - Online	3
	Faculty Approved Course	3
Choose 1 of the following:		
CSC 241	Spring - 7.5 Accelerated	3
	Faculty Approved Course	3
Choose 1 of the following:		
CWB 208	Spring	3
	Faculty Approved Course	3

Sample Course Sequencing Plan #2		Credits
Semester 1		
CIS 240	Fall & Spring - 7.5 Accelerated Fall & Spring - Online	4
CIS 243	Fall & Spring - 7.5 Accelerated Fall & Spring - Online	3
CSC 240	Spring - 7.5 Accelerated	3
CSC 241	Spring - 7.5 Accelerated	3
Semester 2		
Choose 1 of the following:		
CSC 217	Spring Summer - Online	3
	Faculty Approved Course	3
Choose 1 of the following:		
CWB 208	Spring	3
	Faculty Approved Course	3

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