

# Red Rocks Community College

2017-2018 Degree or Certificate Map Full-Time College Ready

**Community: Information Technology** 

**Degree or Certificate: Web Development AAS** 

# First Semester:

Complete	Course Number	Title	Credits	Prerequisite
	CWB 110	Complete Web Authoring: (HTML & CSS)	3	Basic Computer Skill
	CSC 119	Introduction to Programming	3	Basic Computer Skill
	ENG 121	English Composition I	3	
	MAT 121	College Algebra (or higher)	4	
		Gen – Ed Arts & Humanities, Sciences, Social & Behavioral	3	

## Second Semester:

Complete	Course Number	Title	Credits	Prerequisite
	CSC 160	Computer Science I: C++	4	CSC 119
	CIS 220	Fundamentals of Unix	3	CSC 119
	CIS 240 (7.5	Database Design and Development	3	CSC 119
	Accelerated)			
	CIS 243 (7.5	Introduction to SQL	3	CIS 240
	Accelerated)			
	COM 115	Public Speaking	3	
	COM 125	Interpersonal Communication		

#### Third Semester:

Compete	Course Number	Title	Credits	Prerequisite
	ENG 122	English Composition II	3	
	ENG 131	Technical Writing		
		Gen – Ed Arts & Humanities, Sciences, Social & Behavioral	3	
	CSC 217	Advanced Python – (Spring, Summer)	3	CSC 119
	CWB 205	Complete Web Scripting: JavaScript – (Summer, Fall)	3	CWB 110
	CSC 161 CSC 236 CSC 237 CSC 240 CWB 209	Computer Science II: C++ - (Fall Only) C# Programming (4) (Fall Only) Advanced C# Programming (4) (Fall Only) Java Programming – (Spring Only) Web Content Management Systems: Software –	3	CSC 119 CSC 119 CSC 236 CSC 160 CSC 160, CIS 243,
		(Fall, Spring)		CWB 110

#### Fourth Semester:

Complete	Course Number	Title	Credits	Prerequisite
	CIS 268	Systems Analysis and Design (Spring Only)	3	Last Semester
	CIS 289	Capstone – (Spring Only)	3	
	CWB 280	Internship		
	<b>BUS Elective</b>		3	
	CSC 240 (7.5	Java Programming - (Spring Only)	6	CSC 119
	Accelerated)			
	CSC 241 (7.5	Advanced Java Programming – (Spring Only)		CSC 240
	Accelerated)			
	CWB 208	Web Application Development: PHP – (Spring		CSC 160, CIS
		Only)		243, CWB 110
	CWB 209			CSC 160, CIS
		Web Content Management Systems: Software –		243, CWB 110
		(Fall, Spring)		

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

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.