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 Accelerated)	Database Design and Development	3	CSC 119
	CIS 243 (7.5 Accelerated)	Introduction to SQL	3	CIS 240
	COM 115 COM 125	Public Speaking Interpersonal Communication	3	

Third Semester:

Compete	Course Number	Title	Credits	Prerequisite
	ENG 122 ENG 131	English Composition II Technical Writing	3	
		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 – (Fall, Spring)	3	CSC 119 CSC 119 CSC 236 CSC 160 CSC 160, CIS 243, CWB 110

Fourth Semester:

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

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