RED ROCKS COMMUNITY COLLEGE

COMPUTER TECHNOLOGY

Game Development AAS Degree

This area of emphasis prepares you for an entry-level position as a developer in the gaming industry. It also allows you to develop strong technical skills in programming, which permits transfer to a four-year university.

AAS Prerequisite: Working knowledge of computers and computer basics.

Required Courses		Credits
CSC 119	Introduction to Programming: (Python)	3
CSC 126	Game Design and Development	3
CSC 160	Computer Science I: C++	4
CSC 217	Advanced Python Programming	3
CSC 200	Game Programming I	3
CIS 220	Fundamentals of UNIX	3
Choose 15 Credits from the following		**15**
CIS 240	Database Design and Development (3)	
CIS 243	Introduction to SQL (3)	
CSC 161	Computer Science II: C++ (4)	
CSC 228	Advanced 3D Game Development (3)	
CSC 240	Java Programming (3)	
CSC 241	Advanced Java Programming (3)	
CSC 246	Mobile App Development (3)	
CSC 280	Internship (3)	
CNG 101	Networking Fundamentals (3)	
CNG 131	Principles of Information Assurance (3)	
or faculty advisor-approved electives		
Game Development AAS Sub Total:		34
Computer Information Systems AAS Requirements (see back page):		28
Total Credits:		**62**

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

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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**