



Computer Information 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.

Use this guide when planning your progress toward completion of the below requirements. In addition, students should meet with a faculty advisor for their area of emphasis each semester and take one to two CIS AAS degree requirements. Course semester offerings are subject to change.

Faculty Advisor(s):

Candace Garrod | 303-914-6445 | candace.garrod@rrcc.edu

Julie Schneider | 303-914-6247 | julie.schneider@rrcc.edu

Required Courses	Credits	Plan	Semesters Offered
CSC 119 Introduction to Programming: (Python)	3	Semester 1	Fall, Spring, Summer
CSC 126 Game Design and Development	3	Semester 1	Fall, Summer
CSC 160 Computer Science I: C++	4	Semester 2	Fall, Spring, Summer
CSC 217 Advanced Python Programming	3	Semester 3	Spring
CSC 200 Game Programming I	3	Semester 3	Spring
CIS 220 Fundamentals of UNIX	3	Semester 2	Fall, Spring, Summer
Choose 15 credit hours from the following:	15		
CIS 240 Database Design and Development (3)		Semester 2	Fall, Spring
CIS 243 Introduction to SQL (3)		Semester 2	Fall, Spring
CSC 161 Computer Science II: C++ (4)		Semester 3	Fall
CSC 228 Advanced 3D Game Development (3)		Semester 4	Spring
CSC 240 Java Programming (3)		Semester 3	Fall, Spring
CSC 241 Advanced Java Programming (3)		Semester 4	Spring
CSC 246 Mobile App Development (3)		Semester 4	Spring
CSC 280 Internship (3)		Semester 4	Fall, Spring, Summer
CNG 101 Networking Fundamentals (3)		Semester 1	Fall, Spring, Summer
CNG 131 Principles of Information Assurance (3)		Semester 1	Fall, Spring
or faculty advisor-approved electives			
Game Development AAS Degree Sub Total:	34		
Computer Information Systems AAS Degree Requirements:	28 - 29		
Total Credits:	62 - 63		

Enroll online at www.rrcc.edu. For a complete listing of CIS programs, please visit www.rrcc.edu/cis or call 303-914-6430 for more information.