

# RED ROCKS

## COMMUNITY COLLEGE

### COMPUTER TECHNOLOGY

#### Cyber Security Specialist AAS

Cyber Security Specialist AAS Degree		
This area of emphasis provides you with the skills necessary to protect computing systems and networks that have an important impact on data confidentiality, integrity and availability. You will learn about computer network threats and the appropriate incident response, to include defenses, countermeasures, and computer forensics.		
<b>AAS Prerequisite:</b> Successful completion of Network Specialist Certificate		
Required Courses		Credits
CIS 220	Fundamentals of UNIX	3
CIS 222	UNIX System Administration	3
CNG 131	Principles of Information Assurance	3
CNG 132	Network Security Fundamentals	3
CNG 133	Firewalls/Network Security	3
CNG 136	Guide to IT Disaster Recovery	3
CNG 257	Network Defense/Countermeasures	3
CNG 258	Digital Forensics	4
CNG 259	Enterprise Security	4
	Faculty advisor-approved electives	6
Cyber Security Specialist AAS Sub Total:		35
Computer Information Systems AAS Requirements (see back page):		28
<b>Total Credits:</b>		<b>63</b>

**Faculty Advisor:** Joe Murdock | joseph.murdock@rrcc.edu

#### Cyber Security Specialist AAS

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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# RED ROCKS COMMUNITY COLLEGE

## COMPUTER TECHNOLOGY

2016-2017

### Computer Information Systems AAS Requirements

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.	
<b>AAS Prerequisite:</b> 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
<b>Choose 1 from the following</b>	<b>3</b>
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)	
<b>Choose 1 from the following</b>	<b>3</b>
ENG 122 English Composition II (3)	
ENG 131 Technical Writing (3)	
<b>Choose 1 from the following</b>	<b>3</b>
COM 115 Public Speaking (3)	
COM 125 Interpersonal Communication	
THE 118 Acting Skills: Trades/Business	
<b>Choose 1 from the following</b>	<b>3</b>
CIS 289 Capstone (3)	
CIS 280 Internship (3)	
<b>Credit from any two of the following three areas:</b>	<b>6</b>
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)	
<b>Total Credits:</b>	<b>28</b>

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