



## Computer Information Technology

### Cyber Security Specialist AAS Degree

This area of emphasis provides 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, including defenses, countermeasures, and computer forensics.

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):

Joe Murdock | 303-914-6249 | joseph.murdock@rcc.edu

Required Courses	Credits	Plan	Semesters Offered
CIS 220 Fundamentals of UNIX	3	Semester 1	Fall, Spring, Summer
CIS 222 UNIX System Administration	3	Semester 2	Fall
CNG 131 Principles of Information Assurance	3	Semester 1	Fall, Spring
CNG 132 Network Security Fundamentals	3	Semester 1	Fall, Spring
CNG 133 Firewalls/Network Security	3	Semester 2	Fall, Spring
CNG 136 Guide to IT Disaster Recovery	3	Semester 2	Fall, Spring
CNG 257 Network Defense/Countermeasures	3	Semester 3	Spring
CNG 258 Digital Forensics	4	Semester 3	Spring
CNG 259 Enterprise Security	4	Semester 4	Spring
Faculty advisor-approved electives	6	Semester 4	
<b>Cyber Security Specialist AAS Degree Sub Total:</b>	<b>35</b>		
<b>Computer Information Systems AAS Degree Requirements:</b>	<b>28 - 29</b>		
<b>Total Credits:</b>	<b>63 - 64</b>		

Enroll online at [www.rcc.edu](http://www.rcc.edu). For a complete listing of CIS programs, please visit [www.rcc.edu/cis](http://www.rcc.edu/cis) or call 303-914-6430 for more information.