

RED ROCKS COMMUNITY COLLEGE

COMPUTER TECHNOLOGY

2016-2017

Network Specialist AAS

Network Specialist AAS

Network Specialist AAS Degree

This area of emphasis provides both hardware and operating systems experience needed to work as a support person for both local and wide area network. This area of emphasis prepares you for entry-level positions in the computer networking field. Students in this program gain hands-on experience with network technologies, installation and configuration, media and topologies, management, and security. Upon successful completion of the program, you will have the needed background to prepare to take one or more of the following exams: Network+, Security+, MCITP (Microsoft Certified Information Technology Professional), MCTS (Microsoft Certified Technology Specialist), or CISCO (CCNA).

AAS Prerequisite: Successful completion of Computer Support Technician Certificate

Required Courses	Credits
CIS 220 Fundamentals of UNIX	3
CNG 124 Networking I: Net+	3
CNG 125 Networking II: Net+	3
CNG 131 Principles of Information Assurance	3
CNG 132 Network Security Fundamentals	3
CNG 211 Windows Configuration: Win OS	3
Choose 15 Credits from the following	15
CIS 222 UNIX System Administration (3)	
CNG 121 Computer Technician I: A+ (4)	
CNG 122 Computer Technician II: A+ (4)	
CNG 133 Firewalls/Network Security (3)	
CNG 136 Guide to IT Disaster Recovery (3)	
CNG 212 Manage a MS Windows Server Environment	
CNG 213 Administering Windows Server (4)	
CNG 214 Advanced Windows Server Administration (4)	
CNG 257 Network Defense and Counter Measures (3)	
CNG 260 CISCO Network Associate I (5)	
CNG 261 CISCO Network Associate II (5)	
CNG 262 CISCO Network Associate III (5)	
CNG 263 CISCO Network Associate IV (5)	
CNG 280 Internship (3)	
Network Specialist AAS Sub Total:	33
Computer Information Systems AAS Requirements (see back page):	28
Total Credits:	61

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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

Printed: 1/11/2016

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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.	
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

Computer Information Systems AAS Requirements

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