



Red Rocks Community College

2017-2018 Degree or Certificate Map
Full-Time College Ready

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|---|
| Community: Information Technology |
| Degree or Certificate: Cyber Security Specialist AAS |
| *Requires completion of Computer Support Tech & Networking Certs first |

First Semester: Spring

| Complete | Course Number | Title | Credits | Prerequisite |
|----------|---------------|----------------------|---------|--------------|
| | CIS 220 | Fundamentals of Unix | 3 | CSC 119 |
| | CNG 124 | Networking I: Net+ | 3 | CNG 122 |
| | CNG 125 | Networking II: Net+ | 3 | CNG 124 |
| | ENG 121 | English Comp I | 3 | |
| | PHI 112 | Ethics | 3 | |

Second Semester: Fall

| Complete | Course Number | Title | Credits | Prerequisite |
|----------|---------------|-------------------------------------|---------|--------------------------------------|
| | CNG 131 | Principles of Information Assurance | 3 | None |
| | CNG 132 | Network Security Fundamentals | 3 | CNG 125, CIS 220 & Co-req CNG 131 |
| | ENG 131 | Technical Writing | 3 | |
| | MAT 121 | College Algebra | 4 | |

Third Semester: Spring

| Compete | Course Number | Title | Credits | Prerequisite |
|---------|---------------|---|---------|--------------|
| | CNG 133 | Firewalls/Network Security | 3 | CNG 132 |
| | CNG 136 | Guide to IT Disaster Recovery | 3 | CNG 131 |
| | MAN 210 | Aligning Technology w/Business Strategy | 3 | None |
| | COM 115 | Public Speaking | 3 | |
| | PSY 101 | Introduction to Psychology | 3 | |

Fourth Semester: Fall

| Complete | Course Number | Title | Credits | Prerequisite |
|----------|---------------|-----------------------------------|---------|--------------------------|
| | CNG 256 | Vulnerability Assessment I | 3 | CNG 133 & Co-req CNG 257 |
| | CNG 257 | Network Defense & Countermeasures | 3 | CNG 133 & Co-req CNG 256 |
| | CIS 268 | Systems Analysis & Design | 3 | |
| | CNG 280 | Internship | 3 | Instructor Approval |

Fifth Semester: Spring

| Complete | Course Number | Title | Credits | Prerequisite |
|----------|---------------|---------------------|---------|--------------------------|
| | CNG 258 | Digital Forensics | 4 | CNG 257 & Co-req CNG 259 |
| | CNG 259 | Enterprise Security | 4 | CNG 257 & Co-req CNG 258 |

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Disclaimer: The contents of this sample represent the most current information available at the time of publication. However, during the period of time covered by this sample it is reasonable to expect changes to be made with respect to this information without prior notice. Students should regularly meet with the faculty advisor listed for the program.