

Partners in Education

Associate of Applied Science (AAS) – Computer Network Technology - General

The Computer Network Technology program prepares individuals for jobs in the computer networking field. Students in this program gain hands-on experience with computer hardware, software and networks. Upon successful completion of the program, the student will have the needed background to prepare to take one or more of the following exams: Network+; Security+; Microsoft Certified Information Technology Professional (MCITP); Microsoft Certified Technology Specialist (MCTS); CWNA; Security +; or CISCO CCNA.

Courses offered toward degree at Castle View High School

Highlighted courses also have an Advanced Placement (AP) option with a passing AP exam score

Courses	Credit Hours
Written Communication: ENG 121 – English Composition I	3
Oral Communication: COM 115 – Public Speaking	3
Mathematics: MAT 121 – College Algebra	4
Major Courses: CIS 118 – Intro to PC Applications CNG 124 – Network I: Network + CNG 125 – Network II: Network +	3 3 3
General Computer Network Technology Electives: CNG 142 - Introduction to Cloud Computing Concepts CSC 119 – Introduction to Programming	3 3
Total Credit Hours at High School	25

Remaining Courses Offered Toward Degree at Arapahoe Community College

Courses	Credit Hours
Business Course: BUS 217 – Business Communication	3
Computer Network Courses: CIS 202 - Automated Project Management: MS Project CIS 287 – Cooperative Education (Internship) CNG 121 - Computer Technician I: A+ CNG 132 - Network Security Fundamentals CNG 212 - Configuring Windows Server CNG 224 - Microsoft Windows Wireless Network	3 3 4 3 4 3
Choose 4 Elective Courses: CNG 243 - Cloud Security and Cyber Law CNG 253 - Firewalls and How They Work (CNG 132 pre-req) CNG 256 - Vulnerability Assessment I CNG 257 - Network Defense and Counter Measures CNG 258 - Digital Forensics CNG 259 - Enterprise Security Or any other course with a CSC, CWB, or CNG prefix.	12
Total Credit Hours at Arapahoe Community College	35
Total Credit Hours for AAS Degree	60