Partners in Education

Associate of Applied Science (AAS) – Computer Network Technology – Systems Admin.

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
Systems Administration Electives: CNG 142 - Introduction to Cloud Computing Concepts	3
Total Credit Hours at High School	**22**

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
Systems Administration Concentration: CIS 220 - Fundamentals of Unix CIS 232 - Unix Shell Programming CNG 202 - Unix/Linux Server Admin CNG 213 - Administering Windows Server CNG 240 - Virtual Environment Administration	3 3 3 4 3
Total Credit Hours at Arapahoe Community College	**39**
Total Credit Hours for AAS Degree	**61**

Disclaimer: This academic plan provides guidance and is tentative and subject to change, based on concurrent enrollment classes offered at the high schools and on ACC programs offered in any given academic year. 09/2021