

## Partners in Education

### Computer Network Technology Certificate

This certificate is specifically designed to prepare students as entry-level networking professionals. Students are encouraged to take the associated industry certification exams.

#### **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
<b>Major Courses:</b>	
CNG 124 – Network I: Network +	3
CNG 125 – Network II: Network +	3
CNG 142 - Introduction to Cloud Computing Concepts	3
<b>Computer Network Certificate Electives: (Choose 9 credits)</b>	
CIS 118 – Intro to PC Applications	
CNG 260 – CISCO Network Associate I	9
CNG 261 – CISCO Network Associate II	
CNG 262 – CISCO Network Associate III	
<b>Total Credit Hours at High School</b>	<b>18</b>

#### **Elective Course Options at Arapahoe Community College**

Courses	Credit Hours
<b>Computer Network Certificate Elective Options*</b>	
CIS 220 - Fundamentals of Unix	3
CIS 232 - Unix Shell Programming	3
CNG 120 - A+ Certification Preparation	4
CNG 121 - Computer Technician I: A+	4
CNG 122 - Computer Technician II: A+	4
CNG 132 - Network Security Fundamentals	3
CNG 211 - Windows Configuration: (OS)	3
CNG 212 - Configuring Windows Server	4
CNG 213 - Administering Windows Server	4
CNG 224 - Microsoft Windows Wireless Network	3
CNG 253 - Firewalls and How They Work	3
CSC 126 - Game Design and Development	3
<b>Total Credit Hours at Arapahoe Community College</b>	<b>0-9</b>
<b>Total Credit Hours for Certificate</b>	<b>18</b>

\*The certificate requires a total of 9 elective credits. Students can choose to take the elective options available at Castle View High School to meet this elective requirement or choose from courses offered at Arapahoe Community College.