

## Partners in Education

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

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+; MCITP (Microsoft Certified Information Technology Professional); MCTS (Microsoft Certified Technology Specialist); CWNA; Security +; or CISCO CCNA.

#### *Courses offered toward degree at Castle View High School*

| Courses                                   | Credit Hours |
|---|--------------|
| <b>General Education Courses</b>          |              |
| ENG 121 - English Composition I           | 3            |
| COM 115 - Public Speaking                 | 3            |
| CIS 118 – Introduction to PC Applications | 3            |
| MAT 121 – College Algebra                 | 4            |
| <b>Major Courses</b>                      |              |
| CNG 121 – Computer Technician I           | 4            |
| CNG 124 – Networking I: Network +         | 3            |
|   | 3            |
| <b>Elective Courses</b>                   |              |
| 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            |
| <b>Total Credit Hours at High School</b>  | <b>40</b>    |

#### *Remaining Courses Offered Toward Degree at Arapahoe Community College*

| Courses   | Credit Hours |
|---|--------------|
| <b>General Education Courses</b>  |              |
| BUS 217 – Business Communication and Report Writing                                 | 3            |
| <b>Major Courses</b>  |              |
| CIS 202 – Automated Project Management: MS Project                                  | 3            |
| CIS 287 – Cooperative Education   | 3            |
| CNG 125 – Networking II: Network+   | 3            |
| CNG 132 – Network Security Fundamentals   | 3            |
| CNG 212 – Configuring Windows Server  | 4            |
| CNG 224 – Microsoft Windows Wireless Network  | 3            |
| <b>Total Credit Hours at Arapahoe Community College</b>                             | <b>20</b>    |
| <b>Total Credit Hours for AAS in Computer Network Technology-General Networking</b> | <b>60</b>    |