

## Partners in Education

### Associate of Applied Science (AAS) Transfer to CSU– Cybersecurity

This degree prepares individuals to assess the security needs of computer and network systems, recommend safeguard solutions, and manage the implementation and maintenance of security devices, systems, and procedures. It also prepares students to take multiple industry-recognized certifications, such as CompTIA Network+, CompTIA Security+, CompTIA Linux+, MTA (Microsoft Technology Associate) and/or MCSA (Microsoft Certified Solutions Associate), and CompTIA Advanced Security Practitioner (CASP).

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

Courses	Credit Hours
<b>General Education Courses:</b>	
ENG 121 - English Composition I	3
MAT 121 – College Algebra	4
<b>Major Courses:</b>	
CNG 124 – Networking I: Network+	3
<b>Total Credit Hours at High School</b>	<b>10</b>

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

Courses	Credit Hours
<b>General Education Courses:</b>	
BUS 226 – Business Statistics	3
BUS 217 – Business Communication & Report Writing	3
BUS 121 – Basic Workplace Skills	1
AAA 101 – First Year Experience	1
PHI 113 – Logic	3
<b>Major Courses:</b>	
CSC 119 - Introduction to Programming: Python	3
CSC 160 – Computer Science I – Java	4
CNG 125 – Networking II: Network+	3
CNG 132 – Network Security Fundamentals	3
CIS 315 – UNIX Operating System (CSU course)	3
CNG 202 – UNIX/LINUX Server Admin.	3
CNG 253 – Firewalls and How They Work	3
CNG 256 – Vulnerability Assessment	3
CIS 401 – Network Systems Administration (CSU course)	3
CIS 287 – Cooperative Education	3
CNG 259 – Enterprise Security	4
CIS 462 – Computer Forensics (CSU course)	3
CIS 461 – The Management of IT Security Risk (CSU course)	3
<b>Total Credit Hours at Arapahoe Community College</b>	<b>51</b>
<b>Total Credit Hours for AAS in Secure Software Development</b>	<b>62</b>