Partners in Education
Computer Information Systems Certificate

The CIS certificate has been constructed to provide the prospective student with skills in a broad variety of topics. With knowledge of accounting, management, marketing, office software, databases and economics, the recipient is prepared for a wide variety of entry-level positions within many different industries.

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
Major Courses:	
ACC 121 – Accounting Principles I	4
BUS 115 – Intro to Business	3
CIS 118 – Intro to PC Applications	3
CNG 124 – Network I: Network +	3
CSC 119 – Intro to Programming	3
Total Credit Hours at High School	**16**

Remaining Courses Offered Toward Degree at Arapahoe Community College

Courses	Credit Hours
Choose 1 Course:	
CIS 115 - Introduction to Computer Information Systems	
CIS 135 - Complete PC Word Processing (software package)	
CIS 145 - Complete PC Database	
CIS 155 - PC Spreadsheet Concepts: Excel	
CIS 202 - Automated Project Management: MS Project	
CIS 220 - Fundamentals of Unix	3
CIS 240 - Database Design and Development	
CIS 268 - Systems Analysis and Design I	
CNG 132 - Network Security Fundamentals	
CNG 211 - Windows Configuration: (OS)	
CSC 154 - Visual Basic Net Programming	
CSC 160 - Computer Science I*	
Total Credit Hours at Arapahoe Community College	**3**
Total Credit Hours for Certificate	**18-19**

*This course requires college level readiness as measured by Accuplacer, ACT, or SAT scores; approved high school course work that is less than five years old; or successful completion of appropriate college-readiness course

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