

Partners in Education

Computer Information System 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

Courses	Credit Hours
Major Courses:	
CNG 124 – Networking I: Network +	3
CIS 118 – Introduction to PC Applications	3
ACC 121 – Accounting Principles I	4
BUS 115 – Introduction to Business	3
Total Credit Hours at High School	13

Remaining Courses Offered Toward Degree at Arapahoe Community College

Courses	Credit Hours
Major Courses*	5
Choose 5 credits from the following:	
ACC 122 – Accounting Principles II	
CIS 115 – Introduction to Computer Information Systems	
CIS 130 – Introduction to Internet	
CIS 135 - Complete PC Word Processing	
CIS 140 - Microsoft Outlook	
CIS 145 - Complete PC Database	
CIS 155 - PC Spreadsheet Concepts: Excel	
CIS 161 - Presentation Graphics I: PowerPoint	
CIS 167 - Desktop Publishing	
CIS 202 - Automated Project Management: MS Project	
CIS 220 – Fundamentals of Unix	
CIS 232 – Unix Shell Programming	
CIS 240 - Database Design and Development	
CIS 268 - Systems Analysis and Design I	
CNG 132 – Network Security Fundamentals	
CNG 211 – Windows Configuration: (OS)	
CSC 119 – Introduction to Programming	
CSC 160 – Introduction to Computer Science – Java	
ECO 201 – Principles of Macroeconomics	
ECO 202 – Principles of Microeconomics	
MAN 216 – Principles of Marketing	
MAN 226 – Principles of Management	
MAT 125 – Survey of Calculus	
*The certificate should contain At least 10 credit hours must be from CIS, CNG or CSC prefixes	
Total Credit Hours at Arapahoe Community College	5
Total Credit Hours for Certificate in Computer Information System	18