Partners in Education

Associate of Applied Science (AAS) – Computer Information Systems - Business Emphasis

The Computer Information System (CIS) degree is a two-year Associate of Applied Science degree that prepares students with a solid set of skills and knowledge in the Computer Information System field. The degree allows students to further their knowledge by pursuing an area of emphasis towards industry certification, computer programming or transferring to a 4-year university. Major courses are carefully selected in areas of Information Systems, Computer Networking, and Computer Programming to provide students with an exceptional foundation in the field. Job opportunities exist in entry-level positions as a computer support professional or technician, systems analyst or computer programmer.

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
Written Communication:	
ENG 121 – English Composition I*	3
Oral Communication:	
COM 115 – Public Speaking or COM 125 – Interpersonal Communication	3
Mathematics:	
MAT 121 – College Algebra*	4
Business Courses:	
ACC 121 – Accounting Principles I	4
BUS 115 – Introduction to Business	3
CIS 118 – Intro to PC Applications	3
MAR 216 – Principles of Marketing	3
CIS Major Courses:	
CSC 119 - Introduction to Programming*	3
Total Credit Hours at High School	**26**

Remaining Courses Offered Toward Degree at Arapahoe Community College

Courses	Credit Hours
Written Communication:	
ENG 122 – English Composition II	3
Mathematics:	
MAT 125 – Survey of Calculus	4
History:	
HIS 208 - American Indian History: GT-HI1*	3
Business Courses:	
BUS 216 – Legal Environment of Business	3
BUS 217 – Business Communication	3
ECO 201 – Macroeconomics	3
ECO 202 - Microeconomics	3
CIS Major Courses:	
CIS 220 - Fundamentals of Unix	3
CIS 240 - Database Design and Development	3
CIS 243 - Introduction to Structured Query Language (SQL)	3
CIS 267 - Management of Information Systems	3
Total Credit Hours at Arapahoe Community College	**34**
Total Credit Hours for AAS Degree	**60**

*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