

COMPUTER INFORMATION SYSTEMS - ASSOCIATE OF APPLIED SCIENCE

¹ Courses are identical to those offered at New Mexico State University Las Cruces (main) Campus.

² Note the total required credits must equal at least 60 credits.

Doña Ana Community College 2026-2027 Catalog (60-61 credits)

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 60 credits. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

The New Mexico General Education Requirements (<https://catalogs.nmsu.edu/dona-ana/general-education-and-transfer-options/transfer-new-mexico-institutions/>) can be found in the section titled, "Transfer Among New Mexico Institutions of Higher Education".

Prefix	Title	Credits
General Education		
<i>This degree requires courses from Areas I, II, III, and V; student do not need to take additional courses to complete the General Education requirements.</i>		17-18
Area I: Communications		
ENGL 1110G	Composition I ¹	
Area II: Mathematics		
Choose one from the following for three - four credits:		
MATH 1220G	College Algebra ¹	
MATH 1250G	Trigonometry & Pre-Calculus ¹	
MATH 1350G	Introduction to Statistics ¹	
MATH 1430G	Applications of Calculus I ¹	
MATH 1511G	Calculus and Analytic Geometry I ¹	
Area III: Laboratory Sciences		
CSCI 1115G	Modern Computing in Practice ¹	
Area V: Humanities		
Choose one from the following for three credits:		
PHIL 1120G	Logic, Reasoning, & Critical Thinking ¹	
or PHIL 2110G	Introduction to Ethics	
<i>General Education Elective</i>		
ENGL 2210G	Professional and Technical Communication ⁴	
Major Requirements		
CIST 2311	Database Concepts and Principles	3
CIST 2210	Introduction to SQL (Structured Query Language)	3
CTEC 152 or CSCI 1210	JAVA Programming Java Programming	3
CIST 2251	Python Programming II	3
CIST 1413	Network Administration Concepts	4
CIST 1411	Introduction to Networks	4
CIST 2321	Visual Analytics	3
CIST 2331	Predictive Analytics	3
At least 15 credits of courses with the following prefixes ²		15
CIST 2812	Fundamentals of Cybersecurity	3
MATH, BCIS, CIST, E T, AIML or ICT		
Total Credits		61-62