

EDUCATION (SECONDARY MATH) - ASSOCIATE IN EDUCATION

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

NOTE: All courses listed may be applied toward a degree at NMSU.

A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses, along the Math Teaching Field courses designated in footnote 3, and the classes designated in footnote 2.

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 60-61 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.

Prefix	Title	Credits
General Education		
<i>Area I: Communications</i>		
<i>English Composition - Level 1 - Select one course from the following:</i>		
ENGL 1110G	Composition I ^{1,2,*}	4
or ENGL 1110M	Composition I	
or ENGL 1110H	Composition I Honors	
<i>English Composition - Level 2</i>		
ENGL 2221G	Writing in the Humanities and Social Science ^{1,2,*}	3
or ENGL 2130G	Advanced Composition	
or ENGL 2215G	Advanced Technical and Professional Communication	
<i>Oral Communication</i>		
COMM 1115G	Introduction to Communication ¹	3
or COMM 1130G	Public Speaking	
<i>Area II: Mathematics</i>		
MATH 1220G	College Algebra (or higher) ^{1,2,4,*}	3
<i>Area II/IV: Laboratory Science and Social/Behavioral Sciences</i>		
Select one from the following:		
PHYS 1230G & PHYS 1230L	Algebra-Based Physics I and Algebra-Based Physics I Lab ¹	
PHYS 1310G & PHYS 1310L	Calculus -Based Physics I and Calculus -Based Physics I Lab ¹	
Select one from the following:		
PHYS 1240G & PHYS 1240L	Algebra-Based Physics II and Algebra-Based Physics II Lab ¹	
PHYS 1320G & PHYS 1320L	Calculus -Based Physics II and Calculus -Based Physics II Lab ¹	
Select one from the following:		
ECON 1110G	Survey of Economics ¹	
ECON 2110G	Macroeconomic Principles ¹	
ECON 2120G	Principles of Microeconomics Honors ¹	
<i>Area V: Humanities</i>		
HIST 1150G	Western Civilization I ¹	3
or HIST 1160G	Western Civilization II	
<i>Area VI: Creative and Fine Arts</i>		
Select one course from the following:		
ARTH 1115G	Orientation in Art ¹	3

MUSC 1110G	Music Appreciation: Jazz ¹	
MUSC 1130G	Music Appreciation: Western Music ¹	
THEA 1110G	Introduction to Theatre ¹	
<i>General Education elective</i>		
HIST 1110G	United States History I ¹	3
or HIST 1120G	United States History II	
Core Requirements		
MATH 1511G	Calculus and Analytic Geometry I ^{1,2,3,4}	4
MATH 1521G	Calculus and Analytic Geometry II ^{1,2,3}	4
CSCI 1110	Computer Science Principles	4
Select one course from the following:		
ANTH 1115G	Introduction to Anthropology ¹	3
ANTH 1140G	Introduction to Cultural Anthropology ¹	
ANTH 1160G	World Archaeology ¹	
GEOG 1120G	World Regional Geography ¹	
GEOG 1130G	Human Geography ¹	
POLS 1110G	Introduction to Political Science ¹	
POLS 1120G	American National Government ¹	
POLS 1130G	Issues in American Politics ¹	
POLS 2120G	International Relations ¹	
SOCI 1110G	Introduction to Sociology ¹	
SOCI 2310G	Contemporary Social Problems ¹	
Major Requirements		
<i>Professional Requirements (9 credits)</i>		
CEPY 1120G	Human Growth and Behavior ^{1,2}	3
EDUC 1185	Introduction to Secondary Education and Youth ^{2,5,*}	3
EDLT 2110	Integrating Technology with Teaching (This course will count as EDLT 3110 at NMSU, Las Cruces) ^{2,*}	3
Electives, to bring the total credits to 60		
MATH 1215	Intermediate Algebra	
MATH 2530G	Calculus III	
Total Credits		60

¹ Courses are part of The New Mexico General Education Requirements.

² This course must be completed with a C- or better.

³ These courses count toward the Math teaching field.

⁴ MATH 1220G College Algebra or higher and MATH 1511G Calculus and Analytic Geometry I are required for this degree, but students may need to complete prerequisite(s) prior to enrolling in these courses.

⁵ Course includes a minimum of 24 hours of Field Experience over a timeframe of 4-6 weeks that must be completed at a New Mexico public education middle or high school in multiple classrooms (minimum 8 hours of placement in language arts classroom and minimum 16 hours of placement in classroom representing field of study).

* Courses with an (#) are pre/co-requisites for Teacher Education Program (TEP).