

# EDUCATION (SECONDARY MATH) - ASSOCIATE IN EDUCATION

## Doña Ana Community College 2024-2025 Catalog (60-61 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
<b>General Education</b>		
<i>Area I: Communications</i>		
<i>English Composition - Level 1</i>		
ENGL 1110G	Composition I <sup>1,2,*</sup>	4
<i>English Composition - Level 2</i>		
ENGL 2221G	Writing in the Humanities and Social Science <sup>1,2,*</sup>	3
or ENGL 2130G	Advanced Composition	
or ENGL 2215G	Advanced Technical and Professional Communication	
<i>Oral Communication</i>		
COMM 1115G	Introduction to Communication <sup>1</sup>	3
or COMM 1130G	Public Speaking	
<i>Area II: Mathematics</i>		
MATH 1220G	College Algebra (or higher) <sup>1,2,4,*</sup>	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 <sup>1</sup>	
PHYS 1310G & PHYS 1310L	Calculus -Based Physics I and Calculus -Based Physics I Lab <sup>1</sup>	
Select one from the following:		
PHYS 1240G & PHYS 1240L	Algebra-Based Physics II and Algebra-Based Physics II Lab <sup>1</sup>	
PHYS 1320G & PHYS 1320L	Calculus -Based Physics II and Calculus -Based Physics II Lab <sup>1</sup>	
Select one from the following:		
ECON 1110G	Survey of Economics <sup>1</sup>	
ECON 2110G	Macroeconomic Principles <sup>1</sup>	
ECON 2120G	Principles of Microeconomics <sup>1</sup>	
<i>Area V: Humanities</i>		
HIST 1150G	Western Civilization I <sup>1</sup>	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 <sup>1</sup>	3

MUSC 1110G	Music Appreciation: Jazz <sup>1</sup>	
MUSC 1130G	Music Appreciation: Western Music <sup>1</sup>	
THEA 1110G	Introduction to Theatre <sup>1</sup>	
<i>General Education elective</i>		
HIST 1110G	United States History I <sup>1</sup>	3
or HIST 1120G	United States History II	
<b>Core Requirements</b>		
MATH 1511G	Calculus and Analytic Geometry I <sup>1,2,3,4</sup>	4
MATH 1521G	Calculus and Analytic Geometry II <sup>1,2,3</sup>	4
C S 111	Computer Science Principles	4
Select one course from the following:		
ANTH 1115G	Introduction to Anthropology <sup>1</sup>	
ANTH 1140G	Introduction to Cultural Anthropology <sup>1</sup>	
ANTH 1160G	World Archaeology <sup>1</sup>	
GEOG 1120G	World Regional Geography <sup>1</sup>	
GEOG 1130G	Human Geography <sup>1</sup>	
POLS 1110G	Introduction to Political Science <sup>1</sup>	
POLS 1120G	American National Government <sup>1</sup>	
POLS 1130G	Issues in American Politics	
POLS 2120G	International Relations	
SOCI 1110G	Introduction to Sociology <sup>1</sup>	
SOCI 2310G	Contemporary Social Problems <sup>1</sup>	
<b>Major Requirements</b>		
<i>Professional Requirements (9 credits)</i>		
CEPY 1120G	Human Growth and Behavior <sup>1,2</sup>	3
EDUC 1185	Introduction to Secondary Education and Youth <sup>2,*</sup>	3
EDLT 2110	Integrating Technology with Teaching (This course will count as EDLT 3110 at NMSU, Las Cruces) <sup>2,*</sup>	3
<b>Electives, to bring the total credits to 60-61</b>		
MATH 1250G	Trigonometry & Pre-Calculus ( )	
OR Elective from Math Teaching Field		
<b>Total Credits</b>		<b>60-61</b>

<sup>1</sup> Courses are part of The New Mexico General Education Requirements.

<sup>2</sup> This course must be completed with a C- or better.

<sup>3</sup> These courses count toward the Math teaching field.

<sup>4</sup> 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.

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