

# GAME DEVELOPMENT - ASSOCIATE OF APPLIED SCIENCE

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

NOTE: Students must earn a final grade of C- or better in all required General Education and Technical Requirements and achieve a cumulative grade-point average of at least 2.0. A grade of C- or better is required in ENGL 1110G Composition I and designated Mathematics courses.

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.

Prefix	Title	Credits
<b>Core Requirements</b>		
Select one course from four of the following six content areas for a total of 12-14 credits <sup>1, 2</sup>		12-14
This degree requires courses from Areas I, II, III, and IV; students do not need to take additional courses to complete the General Education requirements.		
Area I: Communications - English Composition Level 1		
ENGL 1110G	Composition I <sup>3</sup>	
Area II: Mathematics		
Any New Mexico General Education Requirements Area II Course with a "G" (3 credits) <sup>2</sup>		
Area III: Laboratory Sciences		
Any New Mexico General Education Requirements Area III Course with a "G" (4 credits) <sup>2</sup>		
Area IV: Social/Behavioral Sciences		
Any New Mexico General Education Requirements Area IV or V Course with a "G" (3 credits) <sup>2</sup>		
General Education Elective - Area I: Communications - Oral Communications		
COMM 1130G	Public Speaking <sup>3</sup>	3
	or COMM 1115G Introduction to Communication	
<b>Core Requirements</b>		
ARTS 1610	Drawing I <sup>3</sup>	3
<b>Technical/Related Requirements</b>		
<b>22</b>		
FDMA 1515	Introduction to Digital Image Editing - Photoshop	
FDMA 1531	Evolution of Electronic Games	
FDMA 1630	Principles of Design	
FDMA 1996	Selected Topics	
FDMA 2530	Introduction to 3D Modeling	
FDMA 2570	Creative Media Studio	
FDMA 2785	Level Design Concepts	
FDMA 2994	Portfolio Design & Development	
<b>Electives Based on Focus</b>		
<b>18</b>		
<i>Arts &amp; Animation</i>		
ENGL 2381	Storyboarding	
FDMA 1710	2D Animation	
FDMA 1720	3-D Character Design	

FDMA 2750	Digital Sculpting
Electives (6 credits) - Advisor approved electives (ENGL, MATH, C S, ARTS/ARTH, OECS, BMGT, FDMA, ARCH, DRFT, MUSC, THEA)	
<i>Game Design</i>	
ENGL 2381	Storyboarding
FDMA 2770	Critical Game Studies
FDMA 2775	Game Tools and Techniques
Electives (9 credits) - Advisor approved electives (ENGL, MATH, C S, ARTS/ARTH, OECS, BMGT, FDMA, ARCH, DRFT, MUSC, THEA)	
<i>Programming</i>	
FDMA 2775	Game Tools and Techniques
Electives (15 credits) - Advisor approved electives (ENGL, MATH, C S, OECS, BMGT, FDMA, ARCH, DRFT, MUSC)	

**Total Credits 60**

- <sup>1</sup> Each course selected must be from a different area and students cannot take multiple courses in the same area.
- <sup>2</sup> See the General Education (<https://catalogs.nmsu.edu/dona-ana/general-education-and-transfer-options/transfer-new-mexico-institutions/>) section of the catalog for a full list of courses.
- <sup>3</sup> Courses are identical to those offered at New Mexico State University Las Cruces (main) Campus.
- <sup>4</sup> MATH 1130G Survey of Mathematics is required for the degree but students may need to take any prerequisites needed to enter MATH 1130G first.

## (60 credits) A Suggested Plan of Study

The contents of this roadmap may vary depending on initial student placement in mathematics and English. This is only a suggested plan of study for students, and is not intended as a contract. Individual student academic plans may vary. Please contact your academic advisor to create a plan that works for you. Course availability may vary from fall to spring semester and may be subject to modification or change.

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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.

Semester 1	Credits
Area I: Communications - English Composition Level 1	4
ENGL 1110G Composition I	
ARTS 1610 Drawing I	3
FDMA 1515 Introduction to Digital Image Editing - Photoshop	3
FDMA 1531 Evolution of Electronic Games	3
FDMA 1996 Selected Topics	1
<b>Credits</b>	<b>14</b>
Semester 2	Credits
Area II: Mathematics	3
Any New Mexico General Education Requirements Area II Course with a "G" (3 credits)	
FDMA 1630 Principles of Design	3

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FDMA 2530	Introduction to 3D Modeling	3
FDMA 2570	Creative Media Studio	3
FDMA 2785	Level Design Concepts	3
<b>Credits</b>		<b>15</b>
<b>Semester 3</b>		
Area III: Laboratory Sciences - Choose one course from NM General Education Area III in the NMSU/DACC Catalog.		4
General Education Elective - Area I: Communications - Oral Communications		3
COMM 1115G	Introduction to Communication	
or COMM 1130G	or Public Speaking	
Electives Based on Focus Area (9 credits) - Advisor approved electives (ARCH, ARTS/ARTH, BMGT, C S, DRFT, ENGL, FDMA, MATH, MUSC, OECS, THEA)		9
<b>Credits</b>		<b>16</b>
<b>Semester 4</b>		
Area IV: Social/Behavioral Sciences OR Area V: Humanities course. A complete list can be found in the current NMSU/DACC Catalog		3
FDMA 2994	Portfolio Design & Development	3
Electives Based on Focus Area (9 credits) - Advisor approved electives (ARCH, ARTS/ARTH, BMGT, C S, DRFT, ENGL, FDMA, MATH, MUSC, OECS, THEA)		9
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>60</b>