

EMERGENCY MEDICAL SERVICES - ASSOCIATE OF APPLIED SCIENCE

Doña Ana Community College [2026-2027](#) Catalog

Students wishing to graduate with an Associate Degree of Applied Science in Emergency Medical Services will need to complete a minimum of 65-66 credits and this is only an additional 16-17 credits above those required for the Paramedic Certificate. The Core and Related Requirements can be completed before, during, or after the Technical Requirements.

Students may take the general education courses for the associate of applied science at any time; however, courses listed in the "Technical Program Requirements" section (which are common to both the associate degree and certificate programs) must be taken in the prescribed sequence. In order to progress through the program, students must meet specific departmental grading criteria in every course taken. This portion of the curriculum must be completed within a three-year period. Thus, those opting to study on a part-time basis are advised to plan carefully in order to take courses in the correct sequence.

Applications for the Paramedic program may be requested directly from the EMS office (room DASR 220, telephone 575-527-7645).

To graduate with a certificate or an associate degree, students must earn a C or better in all EMSS courses, 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.

(65-66 credits)

Students must complete all University degree requirements, which include: General Education requirements and elective credits to total at least 65-66 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		
Select one course from four of the following six content areas for a total of 12-14 credits ^{1,2}		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		
Select one Communications Course from the following:		
ENGL 1110G	Composition I ^{2,3}	
ENGL 2210G	Professional and Technical Communication	
COMM 1115G	Introduction to Communication	
COMM 1130G	Public Speaking	
Area II: Mathematics - Any approved NM General Education Area II Course listed in the current DACC/NMSU catalog ³		
Area III: Laboratory Sciences - Choose one from the following:		
CSCI 1115G	Modern Computing in Practice ³	
BIOL 1190G	Contemporary Problems in Biology	
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors) ³	

BIOL 1120G & BIOL 1120L	Human Biology and Human Biology Laboratory ³	
PHYS 1115G	Survey of Physics with Lab ³	
PHYS 2230G & PHYS 2230L	General Physics for Life Science I and Laboratory to General Physics for Life Science I ³	
Area IV: Social/Behavioral Sciences		
PSYC 1110G or SOCI 1110G	Introduction to Psychology ³ or Introduction to Sociology	
<i>General Education Elective ²</i>		3
Core Requirements		
BMGT 140	Principles of Supervision I	3
HLSC 1510	Medical Terminology	3
Major Requirements		
<i>Technical Requirements</i>		
EMSS 2245	Human Systems, Pathophysiology and Development	3
EMSS 2310 & 2310L	Airway and Respiratory Emergencies and Airway and Respiratory Emergencies Laboratory	3
EMSS 2610 & 2610L	Paramedic Trauma Care and Paramedic Trauma Care Laboratory	3
EMSS 2240	Introduction to Paramedic Practice ⁴	2
EMSS 2250	Introduction to Advanced Patient Assessment and Clinical Decision Making	1
EMSS 2255 & 2255L	Emergency Pharmacology and Emergency Pharmacology Laboratory ⁴	3
EMSS 2410 & 2410L	Cardiac Emergencies and Cardiac Emergencies Laboratory	6
EMSS 2710 & 2710L	Advanced Care of Special Populations and Advanced Care of Special Populations Laboratory	3
EMSS 2510 & 2510L	Medical Emergencies and Medical Emergencies Laboratory	6
EMSS 2890	Paramedic Clinical I	3
EMSS 2895	Paramedic Clinical II	3
EMSS 2650	Advanced EMS Operations	2
EMSS 2998	Paramedic Internship	5
Total Credits		65-66

¹ Each course selected must be from a different area and students cannot take multiple courses in the same area.

² 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.

³ Courses are identical to those offered at New Mexico State University Las Cruces (main) Campus.

⁴ Courses are required for admission to Paramedic program.