

# FIRE SCIENCE TECHNOLOGY - 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 FIRE and FIRE related-elective 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.

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>General Education</b>		
<i>Select one course from four of the following six content areas for a total of 12-14 credits</i> <sup>1,2</sup>		12-14
This degree requires courses from Areas I, III, IV and V; students do not need to take additional courses to complete the General Education requirements.		
<b>Area I: Communications</b>		
ENGL 1110G	Composition I <sup>3</sup>	
<b>Area III: Laboratory Sciences</b>		
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors) <sup>3</sup>	
<b>Area IV: Social/Behavioral Sciences</b>		
POLS 1120G	American National Government <sup>3</sup>	
or POLS 1110G	Introduction to Political Science	
<b>Area V: Humanities</b>		
HIST 1110G	United States History I <sup>3</sup>	
or HIST 1120G	United States History II	
<b>General Education Elective</b>		
COMM 1130G	Public Speaking <sup>3</sup>	3
or COMM 1115G	Introduction to Communication	
<b>Core Requirements</b>		
Select 3 credits in Mathematics - Area II of the New Mexico General Education Requirements. <sup>2</sup>		3
Select 3 credits from the following:		3
PSYC 1110G	Introduction to Psychology <sup>3</sup>	
SOCI 1110G	Introduction to Sociology <sup>3</sup>	
or SOCI 2310G	Contemporary Social Problems	
<b>Major Requirements</b>		
<b>Technical Requirements</b>		
FIRE 112	Principles of Emergency Services	3
FIRE 114	Fire Behavior and Combustion	3
FIRE 120	Fire Protection Hydraulics and Water Supply	3
FIRE 126	Fire Prevention	3
FIRE 130	Principles of Fire and Emergency Services Safety and Survival	3
FIRE 203	Fire and Emergency Services Administration	3
FIRE 210	Building Construction for Fire Protection	3

FIRE 223	Fire Investigations I	3
FIRE 224	Strategy and Tactics	3
FIRE 225	Fire Protection Systems	3
FIRE/LAWE 233	Practical Approach to Terrorism	3
<b>FIRE-related Electives</b>		
Select 4 credits from the following:		4
EMSS 1120	Emergency Medical Technician Lecture	
EMSS 1120L	Emergency Medical Technician Laboratory	
EMSS 1121	Emergency Medical Technician Clinical	
FIRE 102	Fire Fighter I and II	
FIRE 115	Hazardous Materials Awareness and Operations	
FIRE 128	Apparatus and Equipment	
FIRE 230	Fire Service Instructor	
FIRE 252	Vehicle Extrication	

**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.