

FIRE SCIENCE TECHNOLOGY - ASSOCIATE OF APPLIED SCIENCE

Doña Ana Community College 2025-2026 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
General Education		
<i>Select one course from four of the following six content areas for a total of 12-14 credits^{1, 2}</i>		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.		
Area I: Communications		
ENGL 1110G	Composition I ³	
Area III: Laboratory Sciences		
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors) ³	
Area IV: Social/Behavioral Sciences		
POLS 1120G	American National Government ³	
or POLS 1110G	Introduction to Political Science	
Area V: Humanities		
HIST 1110G	United States History I ³	
or HIST 1120G	United States History II	
General Education Elective		
COMM 1130G	Public Speaking ³	3
or COMM 1115G	Introduction to Communication	
Core Requirements		
Select 3 credits in Mathematics - Area II of the New Mexico General Education Requirements. ²		3
Select 3 credits from the following:		3
PSYC 1110G	Introduction to Psychology ³	
SOCI 1110G	Introduction to Sociology ³	
or SOCI 2310G	Contemporary Social Problems	
Major Requirements		
Technical Requirements		
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
FIRE-related Electives		
Select 4 credits from the following:		4
OEM 120	Emergency Medical Technician Basic	
OEM 120 L	Emergency Medical Technician Basic Lab	
OEM 121	Emergency Medical Technician Basic Field/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

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.

(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.

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.

Semester 1		Credits
FALL		
Area I: Communications - English Composition Level 1		4
ENGL 1110G	Composition I	
Area IV: Social/Behavioral Sciences		3
POLS 1110G	Introduction to Political Science	
or POLS 1120G	or American National Government	
FIRE 112	Principles of Emergency Services	3
FIRE 114	Fire Behavior and Combustion	3
Credits		13
Semester 2		
SPRING		

Area II: Mathematics - any Area II course listed in the NM General Education Requirements of the NMSU/DACC Catalog.		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
Credits		12
Semester 3		
SUMMER		
Area IV: Social/Behavioral Sciences - Choose one from the following:		3
PSYC 1110G	Introduction to Psychology	
SOCI 1110G	Introduction to Sociology	
SOCI 2310G	Contemporary Social Problems	
General Education Elective - Area I: Communications - Oral Communications		3
COMM 1115G or COMM 1130G	Introduction to Communication or Public Speaking	
Credits		6
Semester 4		
FALL		
Area III: Laboratory Sciences		4
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors)	
Area V: Humanities		3
HIST 1110G or HIST 1120G	United States History I or United States History II	
FIRE 203	Fire and Emergency Services Administration	3
FIRE 210	Building Construction for Fire Protection	3
FIRE 223	Fire Investigations I	3
Credits		16
Semester 5		
SPRING		
FIRE 224	Strategy and Tactics	3
FIRE 225	Fire Protection Systems	3
FIRE 233 or LAWE 233	Practical Approach to Terrorism or Practical Approach to Terrorism	3
Fire-Related Elective(s) - Choose from the following:		4
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	
OEEM 120 & 120 L	Emergency Medical Technician Basic and Emergency Medical Technician Basic Lab	
OEEM 121	Emergency Medical Technician Basic Field/Clinical	
Credits		13
Total Credits		60