

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
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, 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	
<i>General Education Elective</i>		
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		
<i>Technical Requirements</i>		
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
<i>FIRE-related Electives</i>		
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

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.

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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
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
FIRE 114	Fire Behavior and Combustion
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

2 Fire Science Technology - Associate of Applied Science

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	
EMSS 1120 & 1120L	Emergency Medical Technician Lecture and Emergency Medical Technician Laboratory	
EMSS 1121	Emergency Medical Technician Clinical	
Credits		13
Total Credits		60