



Fire Technology A.A. Degree

FULL TIME

This program roadmap represents one possible pathway to complete the program. **Please see a counselor** to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability.

Catalog: 2025-26

GE Pattern: local AA/AS

Total Units: 60

First Year

Semester 1

15 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
Req	FT 300 Fire Protection Organization	3		
Req	FT 301 Fire Prevention Technology	3		
GE	ENGL C1000 Academic Reading and Writing or ENGL C1000H ^H Academic Reading and Writing - Honors	3 3		L1A
GE	MATH 300 Introduction to Mathematical Ideas	3		L2
GE	any Area L7A (Physical Education) course	1		L7A
GE	any Area L7B (Life Development Skills) course	2		L7B

Semester 2

15 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
Req	FT 305 Firefighter Safety and Survival	3		
RE	FT 130 Fire Company Organization and Management	3		
GE	any Area L3 (Arts & Humanities) course	3		L3
GE	any Area L1B (Oral Communication & Critical Thinking) course	3		L1B
Elec	any elective course	3		

Second Year

Semester 3

15 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
Req	FT 302 Fire Protection Equipment and Systems	3		
Req	FT 304 Fire Behavior and Combustion	3		L5

CAREER PATH

Career Options:

The fire service is one of the most dynamic employers in the country. This degree provides the skills and knowledge needed to apply for fire service positions. Job titles include:

- fireman
- fire fighter
- apparatus operator
- fire equipment operator
- fire engineer
- fire captain
- fire chief

Advising Notes:

- This degree can be completed using either the local AA/AS general education (GE) pattern or the Cal-G ETC transfer GE pattern. See a counselor to determine which pattern is best for you based on your academic goals.
- Students can substitute ESLW 340 for ENGL C1000/C1000H (formerly known as ENGWR 300/480).
- **Elective Courses:** any elective courses numbered 100-499, or having a 4-digit number starting with C.

Scheduling Notes:

- All of the FT courses in this degree are offered at the McClellan Center.
- The other FT courses may be offered online or in person, depending on the semester.
- FT 110 is offered in the fall.

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
RE	FT 110 Fire Apparatus	3		
GE	any Area L4 (Social & Behavioral Sciences) course	3		L4
GE	any Area L6 (Ethnic Studies) course	3		L6

Semester 4

15 Units

CAT.	COURSE	UNIT	PREREQUISITES	GE AREA
Req	FT 303 Building Construction for Fire Protection	3		
RE	FT 180 Rescue Practices	3		
RE	FT 170 Fire Investigation	3		
Elec	any elective course	3		
Elec	any elective course	3		

^H honors courses

- FT 130 and 170 are offered in the spring.
- FT 320 is offered occasionally. See the course schedule for course availability.

Other Notes:

- The courses in this degree serve as an in-service program as well as a pre-employment program for students seeking employment or advancement in the profession of urban fire fighting and fire suppression.

EXPLANATION OF CATEGORIES

Req	Required Core	A course that is required for this program
GE	General Education	A course that fulfills a specific general education requirement for a degree, which can be replaced with another course that meets the same requirement
RE	Restricted Elective	A course selected from a list of elective courses specified for this program in the course list in the catalog, which can be replaced with another course from the same list
Elec	Degree Elective	A degree-applicable course that is part of a degree roadmap to ensure that there is a total of at least 60 units, which is a requirement for an associate degree

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