

First Year

Semester 1

16 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*	GE AREA
FT 300 Fire Protection Organization	3		F, S	
FT 301 Fire Prevention Technology	3		F, S	
Fire Technology Elective (See List Below Semester 4)	3		F, S	
EMT 300 Basic Life Support Healthcare Provider CPR	1		F, S	
English Composition	3		F, S	L1A
Mathematical Concepts and Quantitative Reasoning	3		F, S	L2

Semester 2

15 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED*	GE AREA
FT 302 Fire Protection Equipment and Systems	3		F, S	
Arts and Humanities	3		F, S	L3
Physical Education	1		F, S	L7A
EMT 101¹ Emergency Medical Technician Training	8	EMT 300 (See Note Below)	F, S	

General Education Notes:

ATTENTION: General Education requirements have changed for the 2025-2026 academic year. Please see [GE guidance page](#) for more information on the different pathways. For the previous academic year see [General Education requirements](#).

- FLC 2025-2026 [AA/AS](#) General Education requirements.
- A degree applicable elective is defined as any class with a course number between 100 and 499.
- Some English and math courses have support courses (co-requisites). See your assessment results for more details.
- Students may earn credit for College Entrance Board Advanced Placement (AP) tests with scores of 3, 4, or 5. AP scores can be used to meet Folsom Lake College associate degree general education, CSU, UC, and other 4 year University requirements --Check with your counselor to determine whether these test results will be accepted at the transfer institution of your choice.

Program Notes:

Upon completion of this program, the student will be able to:

¹ EMT 300 Basic Life Support Healthcare Provider CPR

Students will be required to complete background checks/drug screens, purchase uniforms, verify immunizations, obtain Tb clearance, and have CPR for BLS, including one & two person (adult, child & infant) CPR with AED for the clinical component of this course. This course is not open to students with a current EMT - Basic certificate. All EMT 101 students must have an American Heart Association BLS for the Health Care Provider CPR card (required under NHTSA and California Regulations) prior to the first day of class.

A current California Emergency Medical Technician (EMT) card or Paramedic license will be accepted as satisfactory completion of the EMT course requirement.

- comprehend the qualifications for entry level skills, the discipline and evaluation process, fire service structure, history, and culture for the field of fire technology.
- comprehend laws, regulations, codes, standards and the regulatory and advisory organizations that influence fire department operations.
- analyze and determine the causes of fire, extinguishing agents, stages of fire, fire development, and methods of heat transfer. Synthesize and determine the appropriate use and flow requirement of hydraulic fire apparatus.
- describe the appropriate uses and maintenance for apparatus and equipment used in the fire service.
- assess the common types of building construction and conditions associated with structural collapse and firefighter safety.
- evaluate fire detection and fire suppression systems.
- analyze, appraise, and evaluate fire incidents and components of emergency management and firefighter safety.

Second Year

Semester 3

15 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED [*]	GE AREA
Social and Behavioral Sciences	3		F, S	L4
FT 303 Building Construction for Fire Protection	3		F, S	
Oral Communication and Critical Thinking	3		F, S	L1B
FT 304 Fire Behavior and Combustion	3		F, S	L5
Fire Technology Elective (See List Below Semester 4)	3		F, S	

Semester 4

14 Units

COURSE	UNITS	PRE-REQS [^]	SEMESTERS OFFERED [*]	GE AREA
Ethnic Studies	3		F, S	L6
Life Development Skills	3-2		F, S	L7B
FT 305 Firefighter Safety and Survival	3		F, S	
Fire Technology Elective (See List Below Semester 4)	3		F, S	

Zero Textbook Costs (ZTC):

The Zero Textbook Costs designation and logo are added to any course that provides free access to all required instructional materials. These are typically shared with students through Canvas. Courses that are designated as ZTC may still require students to purchase supplemental materials such as lab coats, a calculator, art supplies,

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
Fire Technology Elective (See List Below Semester 4)	2-3		F, S	

*A minimum of 11 units from the following:***11**

- FT 110 Fire Apparatus (3)
- FT 130 Fire Company Organization and Management (3)
- FT 141 Legal Aspects of Emergency Services (3)
- FT 170 Fire Investigation (3)
- FT 180 Rescue Practices (3)
- FT 190 Fire Tactics and Strategy (3)
- FT 217 Fire Fighter 1 Academy Module 1A (8)
- FT 218 Fire Fighter 1 Academy Module 1B (1)
- FT 219 Fire Fighter 1 Academy Module 1C (2)

etc. See full definitions and searching tips on the [Zero Textbook Costs page](#) of the college website.