



# Fire Prevention A.S. Degree

The fire service is one of the most dynamic employers in the country. This CRC program provides the student with updated skills and knowledge necessary to complete and successfully apply for fire service positions. The curriculum serves as an inservice program and a pre-employment program for students seeking employment or advancement in the profession of fire prevention.

**Total Units: 67.5-72**

## First Year

### Semester 1

15-16 Units

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>FT 300</b> <b>Z</b> Fire Protection Organization	3		S(O), Su(O)	
<b>CRC Area II(a)-Writing Competency</b>	3	Recommend meeting with a counselor	F, S, Su	
<b>CRC Area II(b)-Math Competency</b>	3-4	Recommend meeting with a counselor	F, S, Su	
<b>3 units from List A</b>	3		See List A	
<b>Elective<sup>1</sup></b>	3		F, S, Su	

**Z** At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

<sup>1</sup> Units needed to total 60 units for graduation. Refer to [Course Number](#) for the appropriate courses for the degree.

### Semester 2

15 Units

COURSE	UNITS	PRE-REQS <sup>^</sup>	SEMESTERS OFFERED*	GE AREA
<b>FT 301</b> Fire Prevention Technology	3	Advisory: FT 300	S(O) even year	
<b>CRC Area IV-Natural Sciences</b>	3		F, S, Su	

## Career

### Options/Outlook:

Firefighters control and extinguish fires or respond to emergency situations where life, property, or the environment is at risk. Duties may include fire prevention, emergency medical service, hazardous material response, search and rescue, and disaster assistance.

### A sample of reported job titles:

Apparatus Operator, Fire Captain, Fire Chief, Fire Engineer, Fire Equipment Operator, Fire Fighter, Firefighter, Fireman, Safety Officer, Volunteer Firefighter

### Projected job openings in California (2020-2030):

2,160

### Projected growth in California (2020-2030):

4% growth

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
CRC Area I- Humanities	3		F, S, Su	
3 units from List A	3		See List A	
Elective <sup>1</sup>	3		F, S, Su	

<sup>1</sup> Units needed to total 60 units for graduation. Refer to [Course Number](#) for the appropriate courses for the degree.

## Year 2

### Semester 3

12.5-16 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
<b>FT 302</b> Fire Protection Equipment and Systems	3	Advisory: FT 300	F, even year	
<b>FT 304</b> Fire Behavior and Combustion	3	Advisory: FT 300	F(O)	
<b>FT 498</b> <b>Z</b> Work Experience in Fire Technology	0.5-4		F(O,P), S(O), Su(O)	
<b>CRC Area VI-Ethnic/ Multicultural Studies</b>	3		F, S, Su	
<b>CRC Area V(a)- American Institutions</b>	3		F, S, Su	

**Z** At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

### Semester 4

13 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
<b>FT 303</b> Building Construction for Fire Protection	3	Advisory: FT 300	S, odd year	
3 units from List A	3		See List A	

## Median Salary in California (2021):

\$77,640/yr

### Source:

<https://www.onetonline.org/link/summary/33-2011.01>

### Transfer notes:

Please meet with a counselor for specific transfer course evaluation or transferring to a specific 4-year institution.

### General Education (GE):

Please meet with a counselor for specific transfer course evaluation or transferring to a specific 4-year institution.

### Honors option:

The CRC Honors Program is designed specifically for academically accomplished students and for students with the potential for high achievement. Students who complete 15 units or more in honors-designated courses will earn special recognition as an Honors Scholar, a distinction that may entitle the student to guaranteed transfer and scholarship opportunities at select transfer colleges and universities.

### About this map:

This program map 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 map is not a guarantee of course availability or financial aid applicability.

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
<b>CRC Area III(a)- Physical Edu Activity</b>	1		F, S, Su	
<b>CRC Area IV-Natural Sciences</b>	3		F, S, Su	
<b>CRC Area V(b)- Social &amp; Behavioral Sciences</b>	3		F, S, Su	

^You must have passed the prerequisite course(s) with a "C" or better; Corequisite must be taken during the same semester; Advisory means it is recommended but not required to enroll in the course.

\*(O) = online available (P) = partially online

<sup>1</sup> Units needed to total 60 units for graduation. Refer to [Course Number](#) for the appropriate courses for the degree.

## List A-a minimum of 9 units from the following: 12 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
<b>BIT 100</b> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Z</span> Introduction to the International Building Code	3		S(even year)	
<b>BIT 102</b> Plan Reading and Non-Structural Plan Review	3		Check Class Schedule for offering	
<b>BIT 104</b> International Building Code - Fire & Life Safety	3		S(even year)	
<b>BIT 130</b> Introduction to Inspection of Wood Frame Construction	3		S(even year)	

Z At least one section of this course is offered with free textbooks and is labeled as zero textbook costs (ZTC). If it is a GE area class or elective, there may be several ZTC offerings to fulfill the GE requirement. Use the Free Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

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