



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 ^A	SEMESTERS OFFERED*	GE AREA
FT 300 ^Z Fire Protection Organization	3		S(O), Su(O)	
CRC Area II(a)-Writing Competency ^Z	3	Recommend meeting with a counselor	F, S, Su	CRC Area II(a)
CRC Area II(b)-Math Competency ^Z	3-4	Recommend meeting with a counselor	F, S, Su	CRC Area II(b)
3 units from List A	3		See List A	
Elective ¹	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](#).

¹ 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 ^A	SEMESTERS OFFERED*	GE AREA
FT 301 ^Z Fire Prevention Technology	3	Advisory: FT 300	S(O) even year	
CRC Area IV-Natural Sciences ^Z	3		F, S, Su	CRC Area IV
CRC Area I-Humanities ^Z	3		F, S, Su	CRC Area I
3 units from List A	3		See List A	
Elective ¹	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

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

Median Salary in California (2021):

\$77,640/yr

Source:

Textbook filter to find these courses. Learn more on the [ZTC page of the college website](#).

¹ 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 ^A	SEMESTERS OFFERED*	GE AREA
FT 302 Fire Protection Equipment and Systems	3	Advisory: FT 300	F, even year	
FT 304 ^Z Fire Behavior and Combustion	3	Advisory: FT 300	F(O)	
FT 498 ^Z Work Experience in Fire Technology	0.5-4		F(O,P), S(O), Su(O)	CRC Area III(b)
CRC Area VI-Ethnic/Multicultural Studies ^Z	3		F, S, Su	CRC Area VI
CRC Area V(a)-American Institutions ^Z	3		F, S, Su	CRC Area V(a)

^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 ^A	SEMESTERS OFFERED*	GE AREA
FT 303 Building Construction for Fire Protection	3	Advisory: FT 300	S, odd year	
3 units from List A	3		See List A	
CRC Area III(a)-Physical Edu Activity ^Z	1		F, S, Su	CRC Area III(a)
CRC Area IV-Natural Sciences ^Z	3		F, S, Su	CRC Area IV
CRC Area V(b)-Social & Behavioral Sciences ^Z	3		F, S, Su	CRC Area V(b)

^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](#).

<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.

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.

^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

¹ 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
BIT 100 Introduction to the International Building Code	3		S(even year)	
BIT 102 Plan Reading and Non-Structural Plan Review	3		Check Class Schedule for offering	
BIT 104 International Building Code - Fire & Life Safety	3		S(even year)	
BIT 130 Introduction to Inspection of Wood Frame Construction	3		S(even year)	

Catalog Year: 2023-2024
Published May 17, 2023

Counselor Contact: Teresa Aldredge, Alex Kagan | Faculty Contact: Kris Hubbard