Fire Technology A.S. Degree - with Internship

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 urban fire fighting and fire suppression.

Total Units: 68.25-86.75

First Year

Semester 1

17-18 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
EMT 115[1] Emergency Medical Technician (EMT) Didactic Introduction	1.5	Am Heart Assoc CPR & BLS or EMR First Responder or Life Guard Training Certificate; Advisory: AH 110 & BIOL 102	F, S	
EMT 116[1] Emergency Medical Technician (EMT) Didactic Conclusion	5	EMT 115	F, S	
EMT 117[1] Emergency Medical Technician (EMT) Practicum	1.5	EMT 115	F, S	
FT 300 Z Fire Protection Organization	3		S(O), Su(O)	
CRC Area II(a)-Writing Competency	3	Recommend meeting with a counselor	F, S, Su	
CRC Area II(b)-Math Competency	3-4	Recommend meeting with a counselor	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

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 for creative writers in California (2020-2030):

2,160

Projected growth in California (2020-2030):

4% growth

requirement. Use the Free Textbook filter to find these courses. Learn more on the ZTC page of the college website.

[1] A current California EMT certificate or Paramedic license will be accepted as satisfactory completion of the EMT 1115, 116, and 117 requirements.

Semester 2

12.5-16 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
FT 301 Fire Prevention Technology	3	Advisory: FT 300	S(O) even year	
FT 305 Firefighter Safety and Survival	3	Advisory: FT 300	S(O)	
FT 320 Hazardous Materials	3	Advisory: FT 300, 301, 302, 303, & 304	Rotating F/S odd year (ie., F21, S23)	
FT 498[1] Z Work Experience in Fire Technology	0.5-4		F(O,P), S(O), Su(O)	
CRC Area IV-Natural Sciences	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] You must have 4 units of work experience in Firefighting or Emergency Medical Services to complete the Internship.

Semester 3

3.5-7 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
FT 498[1] Z Work Experience in Fire Technology	0.5-4		F(O,P), S(O), Su(O)	
CRC Area VI-Ethnic/ Multicultural Studies	3		F, S, Su	

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[1] You must have 4 units of work experience in Firefighting or Emergency Medical Services to complete the Internship.

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):

Non-specified GE courses identified by CRC Area, CSU Area or IGETC Area without pre- or co-requisite can be taken at any semester.

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 program map:

This program map represents one possible pathway to complete the program. Please see a counselor to create an education plan customized to

Year 2

Semester 4

17.5-21 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
FT 210 Firefighter 1 Academy (State Fire Marshal Accredited Academy) and Fire Internship	11	FT 300; Calif EMT Cert; IS-100, 200, 700, 800	F	
FT 302 Fire Protection Equipment and Systems	3	Advisory: FT 300	F, even year	
FT 304 Fire Behavior and Combustion	3	Advisory: FT 300	F(O)	
FT 498[1] Z Work Experience in Fire Technology	0.5-4		F(O,P), S(O), Su(O)	

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.

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Semester 5

14.25-17.75 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
FT 303 Building Construction for Fire Protection	3	Advisory: FT 300	S, odd year	
FT 211 Firefighter Academy (Haz Mat, Wildland, CS Module)	3.75	FT 210	S	
FT 498[1] Z Work Experience in Fire Technology	0.5-4		F(O,P), S(O), Su(O)	
CRC Area III(a)-Physical Edu Activity	1		F, S, Su	

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.

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
CRC Area V(a)- American Institutions	3		F, S, Su	
CRC Area V(b)- Social & Behavioral Sciences	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.

^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] You must have 4 units of work experience in Firefighting or Emergency Medical Services to complete the Internship.

Semester 6

3.5-7 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
FT 498[1] Z Work Experience in Fire Technology	0.5-4		F(O,P), S(O), Su(O)	
CRC Area I- Humanities	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] You must have 4 units of work experience in Firefighting or Emergency Medical Services to complete the Internship.

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