

The Program

Fire service personnel are faced with a diverse and complex environment. Firefighters must be well trained to deal effectively with fire protection issues, emergency medical care, natural disasters, terrorism, and hazardous materials emergencies. The Fire Technology Program is designed to prepare students for careers in public safety fire protection by emphasizing strong basic educational skills, as well as the fire technology curriculum. The A.S. degree prepares students for direct entry into a fire-fighting career. Students who wish to obtain a four-year degree before entering the profession may earn an A.A. degree and then transfer to a university. The Certificate of Proficiency and A.S. degree in Fire Service Management prepare company officers for advancement to the chief officer level.

Recommended high school preparation:

Written communications, algebra, chemistry, and physics.

Career Opportunities

Careers in public safety fire protection include public fire service, private fire protection service, fire protection engineering, emergency medical technician and paramedic. Each year, thousands of openings become available in the fire service and related fields; however, competition is keen. Entry-level positions require applicants to possess solid basic educational skills, communications abilities, and life experiences that demonstrate maturity. Most fire departments require fire technology degrees or California State Fire Officer certification as prerequisites for promotion. Individuals meeting prerequisites compete through written examinations, physical ability assessments, assessment labs, and oral interviews.

Working Conditions

Firefighters in the western states work what is commonly known as the 24-hour shift schedule (24 hours on duty followed by 24 hours off duty). The average work week ranges from 48 to 56 hours. Salaries range from about \$35,000 to \$75,000 per year. Firefighting is considered one of the most hazardous occupations. Those seeking employment must be of sound body and possess strength and agility.



Curriculum

A.A. DEGREE

Core Courses		Units
FT 1	Fire Protection Organization	3
FT 2	Fire Prevention Technology.....	3
FT 3	Fire Protection Equipment and Systems	3
FT 4	Building Construction for Fire Protection	3
FT 5	Fire Behavior and Combustion	3

Approved Electives

FT 7	Introduction to Hazardous Materials	3
FT 8	Wildlands Fire Control	3
FT 9	Fire Investigation	3
**FT 155D	Fire Technology Skills and Knowledge Modules	4

Associate in Arts Degree in Fire Technology

General Education	30
Core Courses	15
Approved Electives	6-13
Electives (any course 1-99)	0-7
Total	60

**This course does not transfer to a 4-year university

A.S. DEGREE

Core Courses		Units
FT 1	Fire Protection Organization	3
FT 2	Fire Prevention Technology.....	3
FT 3	Fire Protection Equipment and Systems	3
FT 4	Building Construction for Fire Protection	3
FT 5	Fire Behavior and Combustion	3

Approved Electives

FT 7	Introduction to Hazardous Materials	3
FT 8	Wildlands Fire Control	3
FT 9	Fire Investigation	3
FT 155D	Fire Technology Skills and Knowledge Modules	4
FT 175	Hazardous Materials-First Responder Operations	1/2
FT 176	Confined Space I	1/4
FT 183	Emergency Medical Technician-1	7
FT 183L	Emergency Medical Technician Lab	1-3
FT 187	CPR for Health Providers	1/4
FT 188	Advanced EMS: Preparing for Paramedic Training... ..	3

Associate in Science Degree in Fire Technology

General Education	21
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Fire Technology Core Courses	15
Approved Electives	6-24
Electives (any course 1-199)	0-18
Total for A.S. Degree	60

FIRE SERVICE MANAGEMENT OPTION

Core Courses		Units
FT 160	Fire Management I	2
FT 161	Fire Command 1A	2
FT 162	Fire Command 1B	2
FT 163	Fire Prevention 1A	2
FT 164	Fire Prevention 1B	2
FT 165	Fire Investigation 1A	2
FT 166	Fire Investigation 1B	2
FT 167	Fire Instructor 1A	2
FT 168	Fire Instructor 1B	2

Approved Electives

ACCT 1A	Financial Accounting	4
ACCT 158	Introduction to Non-Profit & Govt Acct	3
CABT 156	Business Grammar	3
BUS 164	Human Relations & Supervision	3
COMM 2	Group Discussion	3
COMM 4	Persuasion & Argumentation	3
COMM 9	Business & Professional Communication	3
CJ 2	Criminal Law	3
CJ 170A	Law Enforcement Reserve Training	
	PC 832 Laws of Arrest	2 1/2
FT 155D	Fire Technology Skills and Knowledge Modules	4
HS 12	Stress Management	3
SOC 2	Modern Social Problems	3

Certificate of Proficiency in Fire Service Management

Fire Service Management Core Courses	18
ENGL 100, 1A/1AMC, or CABT 157	3
Total for Certificate of Proficiency	21

Associate in Science Degree in Fire Service Management

General Education	21
Fire Service Management Core Courses	18
Approved Electives	9-12
Electives (any course 1-199)	9-12
Total for A.S. Degree	60

Fire Technology



Who May Enroll

Cabrillo College is open to anyone 18 years of age or older, or anyone with a high school diploma or proficiency certificate. High school students also may attend classes at Cabrillo on a limited basis with the permission of their high school principals.

How To Apply

1. Complete and submit an application form. Forms are available in the *Schedule of Classes*, online at www.cabrillo.edu, or call the Admissions Office at (831) 479-6201, or the Watsonville Center at (831) 477-5100. Send written requests to Cabrillo College, 6500 Soquel Drive, Aptos, CA 95003.
2. After submitting your application, contact the Counseling Division, (831)479-6274, for further information.

Nondiscrimination Policy

Cabrillo Community College does not discriminate on the basis of ethnic group identification, national origin, religion, age, sex, race, color, physical or mental disability, or sexual orientation in any of its policies, procedures, or practices. This nondiscrimination policy covers admission and access to, and treatment and employment in, the college's programs and activities, including vocational education programs. Limited English language skills will not be a barrier to admission to and participation in vocational education programs.

Plan De Acción No Discriminatoria

Cabrillo Community College no discrimina a base de identificación con grupos étnicos, nacionalidad de origen, religión, edad, sexo, raza, color, incapacidad mental o física ni orientación sexual en ninguna de sus reglamentaciones, procedimientos o prácticas. Este plan de acción no discriminatoria incluye la admisión y el acceso a los programas y actividades, y el tratamiento y el empleo en los mismos, incluyendo la educación vocacional. Tener limitadas destrezas en el idioma inglés no constituirá una barrera para ser admitido o participar en los programas de educación vocacional. 10/04

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Cabrillo
College

www.cabrillo.edu