

FIRE TECHNOLOGY: PROFESSIONAL FIREFIGHTER

PROGRAM DESCRIPTION:

The **Fire Technology degree and certificate** programs are designed to (1) prepare interested students for careers in public or private fire service, (2) provide existing fire service personnel with continuing in-service training in skills applicable to their present position, (3) provide existing fire service personnel with upgraded skills needed to avail themselves of promotional opportunities, and (4) for college transfer students pursuing a higher education degree in Fire Protection Administration and Technology.

The **Fire Prevention Inspector Certificate of Achievement (FPICA)** is designed for (1) Students who are seeking a career as a Fire Inspector working within a fire department fire prevention bureau, (2) Fire Professionals preparing for the California State Board of Fire Service for Fire Inspector Certification, and (3) Individuals seeking employment as an inspector within Corporate Industry. The FPICA will permit students to compete for employment as a civilian entry level Fire Inspector, and future advancement. This certificate is designed for employment as non-safety personnel. The FPICA will permit fire service professionals to take advantage of promotional opportunities as they become available within the Fire Prevention community. Upon successful completion of Fire 420-423, the student and fire professional will receive a Certificate of Completion from The California Fire Service Training and Education System (CFSTES). To become certified as a Fire Inspector I the applicant must meet all requirements as set forth by the Office of the State Fire Marshall, State Fire Training.

CAREER AT A GLANCE:

HOW DO I KNOW IF THIS MAJOR IS FOR ME?

- You are comfortable administering first aid and cardiopulmonary resuscitation to injured persons.
- You are comfortable rescuing victims from burning buildings and accident sites.
- You are comfortable with extinguishing flames and embers to suppress fires, using shovels, or engine- or hand-driven water or chemical pumps.
- You are interested in informing and educating the public on fire prevention.

Use Focus2Career on your MyChaffey portal to learn more about careers and majors that fit you best.

WHERE CAN I WORK?

City/County Fire Departments	Federal Government
State Government	Fire Protection Consulting
Private Medical Industry	

For more information visit: www.labormarketinfo.edd.ca.gov/OccGuides

HOW DO I GET STARTED?

- Ensure your social media accounts reflect your best self
- Volunteer at community or fire department events
- Job shadow and network with emergency medical professionals and fire fighters
- Practice interpersonal communication skills

WHAT CAN I DO WITH THIS CERTIFICATE AND/OR ASSOCIATE DEGREE?

<i>Position Title</i>	<i>CA Median Salary</i>
Fire Engineers	\$109,840
Firefighters	\$74,317
Forest Fire Fighters	\$72,250
Forest Ranger Technicians	\$35,250
Foresters	\$73,630
Forest Inspector	\$71,490
Prevention Specialist	\$71,490
Wildland Firefighter	\$72,250

WHAT CAN I DO WITH HIGHER EDUCATION AND ADDITIONAL TRAINING?

<i>Position Title</i>	<i>CA Median Salary</i>
Fire Suppression Captain	\$106,420
Fire Investigator	\$91,730
Fire Marshal	\$91,730
Battalion Chief	\$106,420
Fire Captain	\$106,420
Paramedic Fire Fighter	\$74,317
Fire Prevention Supervisor	\$106,420
Driver/Operator	\$72,250
Deputy Fire Marshal	\$91,730
Lieutenant Fire Fighter	\$91,730

For more information about careers, education and training requirements, salary data, and job outlooks visit www.onetonline.org.

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MAJOR AND COURSE REQUIREMENTS:

LEGEND: G=Grade IP=In Progress N=Need **Bold: Prerequisites** Plain Text: No Prerequisites

<i>Major Requirements for the Associate in Science Degree: (S141)</i>		Grade	IP	Need	Units
EMT 11	Emergency Medical Technician				7
FIRETEC 1	Principles of Emergency Services				3
FIRETEC 2	Fire Behavior and Combustion				3
FIRETEC 3	Fire Protection Systems				3
FIRETEC 4	Building Construction for Fire Protection				3
FIRETEC 5	Fire Prevention				3
FIRETEC 9	Principles of Fire and Emergency Services, Safety, and Survival				3

Student Name: _____

ID#: _____

Date: _____

Counselor: _____

<i>Plus two courses from the following:</i>		Grade	IP	Need	Units
FIRETEC 6	Fire Apparatus and Equipment				3
FIRETEC 7	Strategies and Tactics				3
FIRETEC 10	Wildland Fire Control				3
FIRETEC 11	Legal Aspects of Emergency Services				3
FIRETEC 12	Occupational Safety and Health for Emergency Services				3

COUNSELOR NOTES:

Requirements for the Fire Technology: Professional Firefighter Certificate: (T141)

Same as the major requirements for the A.S. Degree.

<i>Requirements for the Fire Prevention Inspector Certificate: (L143)</i>		Grade	IP	Need	Units
FIRETEC 2	Fire Behavior and Combustion				3
FIRETEC 3	Fire Protection Systems				3
FIRETEC 4	Building Construction for Fire Protection				3
FIRETEC 12	Occupational Safety and Health for Emergency Services				3
FIRETEC 420	Fire Inspector 1A—Duties and Administration				2
FIRETEC 421	Fire Inspector 1B—Fire and Life Safety				2
FIRETEC 422	Fire Inspector 1C—Field Inspection				1.5
FIRETEC 423	Fire Inspector 1D—Field Inspection-California Specific				1

\$46 per unit for CA Residents

In addition to completion of the MAJOR, there are other requirements for the degree, refer to the Chaffey College Graduation Requirement Sheet or see a counselor in the Counseling Center.
 All courses required for a certificate must be completed with a minimum grade of C.