FIRE SCIENCE PROTECTION TECHNOLOGY

FIRE SCIENCE PROTECTION TECHNOLOGY

OVERVIEW

THE OCCUPATIONS

Firefighter, Fire Inspector, Fire Chief

ABOUT THE OCCUPATIONS

Firefighters respond to a variety of emergency situations in which life, property, or the environment are at risk, such as residential structures and businesses. Firefighters are frequently the first emergency response team at the scene of an accident. They help protect the public against these dangers. Today, firefighters respond to medical emergencies, and their departments require them to have training in medical emergency procedures. Firefighting is dangerous and complex work, which requires the firefighters to work as teams.

Firefighters must respond immediately to emergencies, and each situation presents a unique and challenging experience. Superior officers, such as a captain or chief, guide firefighting teams to accomplish specific duties. Today, firefighters assume a wider range of responsibilities, which require the utilization of sophisticated equipment. They can expect to operate a pump, position ladders, and connect hose lines to hydrants. In many cases, the firefighters will change duties several times at an emergency scene. Ambulances, fireboats, and emergency rescue vehicles may be operated by some firefighters.

Fire stations have dining and sleeping quarters to allow the firefighters to respond to emergencies 24-hours a day. Between emergency responses, the firefighters conduct practice drills, clean and maintain equipment, participate in classroom training, conduct fire inspections, conduct demonstrations to the public, participate in fitness training, check building plans, and inspect fire escapes. Firefighting is hazardous work resulting in environments where floors suddenly cave in, walls topple, and there is exposure to gases, chemicals, and smoke. Firefighters face dangerous situations where injury and death are a risk.

Navarro College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate and baccalaureate degrees. Navarro College also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Navarro College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website.

CAREER OUTLOOK

WORK ENVIRONMENT

WORK ENVIRONMENT CHARACTERISTICS FOR ACCOUNTING-RELATED POSITIONS

Employers

- Municipal fire departments
- Industrial manufacturing plants
- Government agencies
- Forest protection agencies

Typical Schedule

- Shift work normal; 24 hours on duty
- Overtime normal
- Tools and Equipment:
- Protective clothing
- Building and fire codes
- Chemicals to put out fires
- Emergency rescue vehicles
- Firefighting apparatuses

WORKER PORTRAIT

SKILLS, APTITUDES, AND INTERESTS FOR ACCOUNTING-RELATED POSITIONS

Skills and Aptitudes

- Decisive
- Leadership
- Communications
- Team player
- Ability to remain calm in emergency situations
- Ability to make quick decisions
- Physically fit
- Good mechanical aptitude
- Ability to administer emergency medical procedures

- Sound judgment
- Ability to take the initiative
- Critical Thinking

Interests

- Not adverse to risk-taking
- Motivated to take responsibility
- Desire to serve the general public

EMPLOYMENT OUTLOOK

EMPLOYMENT OUTLOOK FOR FIRE SCIENCE OCCUPATIONS

OUTLOOK RATING	OCCUPATIONS
Stable	Fire Chief
Stable	Fire Inspector
Stable	Firefighters

SALARY INFORMATION

Annual Salary Ranges for Selected Fire Science Positions.

POSITION	SALARY RANGE (PER YEAR)
Firefighter	$45,250 per year

Note: Individual earnings may vary based upon the job set- ting and position. These are ranges, not guarantees of earnings. Sources of occupational information include the Bureau of Labor Elementary Statistical Methods, Occupational Outlook Handbook, and Americas Career Information Net.

Navarro College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate and baccalaureate degrees. Navarro College also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Navarro College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website.

DEGREE/CERTIFICATE

Concentration Options	Degree / Certificate Type	Degree Plans
Fire Science Protection Technology	Associate of Applied Science	View Degree Plan
Fire Officer	Associate of Applied Science	View Degree Plan
Basic Firefighter	Certificate	View Degree Plan
Fire Officer	Certificate	View Degree Plan
Emergency Services Dual Credit	Certificate	View Degree Plan

Navarro College is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate and baccalaureate degrees. Navarro College also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Navarro College may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website.