

Fire Science

Contact Info.

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Are you looking for a challenging, physically demanding career? Are you looking for a career where everyday you can make a difference in someone's life? Do you want to be involved in a career that builds teamwork? Do you enjoy adrenaline rushes?

If you have answered yes to the above questions, firefighting is a perfect career for you!

The job of a firefighter is a challenging career. Firefighters must be able to respond quickly and coordinate their activities as an effective work team.

Firefighters are responsible for protecting people's lives and property through fighting fires and providing EMS skills for people who are in need.

Teamwork is a vital part of being a firefighter. They will also assist in many of the emergency and disaster situations that occur throughout their area.



Can you picture yourself responding as a member of a team to a variety of emergency situations in which life, property, or the environments are at risk?

Points of Pride

- Students have an opportunity to live "the day in the life of a firefighter" by working a 24 or 12-hour shift with the Casper Fire Department or the Natrona County Fire District.
- Students have a chance to join a volunteer fire department while completing their degree.
- Students receive hands-on training in a variety of firefighting strategies and tactics.
- Students in fire science are involved in a program with a strong tradition. Many former students are now enjoying careers with fire departments around the Rocky Mountain region.
- Students are part of a program that gives back to the community.
- Students in fire science studies have assisted with the Platte River Revival cleanup effort.
- Student in fire science studies believe in Respect, Honor and Duty.

Fire Science

A firefighter must be a team player and able to take orders as a member of the emergency response team at the scene of a structure fire, wildland fire, vehicle accident, hazardous material release, natural disaster, or act of terrorism. A person in this field must be organized, maintain control in various situations and be able to think and act quickly under pressure.

The Casper College Fire Science program is designed to provide students with the knowledge and skill sets necessary for fire service employment or job advancement.

Students can choose one of two programs: an applied science degree in fire science technology or a certificate in fire science technology.

Fire fighting involves hazardous conditions and long, irregular hours but the favorable schedule allows firefighters to pursue other interests.

Applicants for municipal fire fighting jobs generally must pass written, physical, and medical examinations.

Although employment is expected to grow faster than the average, strong competition for jobs is expected because this occupation attracts many qualified candidates.

Employers include municipalities, federal, state and county government agencies.



Curriculum: Fire Science

Major Requirements:

- Introduction to Fire Science
- Fire Fighting Strategy and Tactics I
- Causes and Investigation
- Advanced First Aid and Basic Emergency Care
- Fundamentals of Fire Prevention
- Introduction to Wildland Fire Fighting
- Rescue Practices for the Fire Science
- Apparatus and Procedures