

FIRE SCIENCE

Faculty

D. Anderson

The fire science technology program is designed to provide the student with the knowledge and skills necessary for fire service employment or job advancement within the profession, or for transfer to a four-year school for additional training in fire science management.

Associate of Applied Science Degree Fire Science Technology

(Recommended Curriculum)

General Education (Minimum 17 credits) Credits

General education coursework can be completed from within or outside of the major field of study.

1. Exploration and Participation (One course minimum)
 - Science
 - Mathematics
2. Communication (One course minimum)
 - Written or spoken communication
3. Relationship with the World (One course minimum)
 - Human behavior
 - U.S. and Wyoming constitutions 1-3
 - Cultural environment
4. General Education Electives
 - Must be chosen from areas 1, 2, or 3 above.
5. Physical Education 1

Major Requirements (Minimum 30 credits fire science)

FIRE 1500 Introduction to Fire Science	3
FIRE 1510 Fire Fighting Strategy and Tactics I.	3
FIRE 1520 Fire Fighting Strategy and Tactics II	3
FIRE 1550 Causes and Investigation	3
FIRE 1570 Fire-Related Codes and Ordinances	3
FIRE 1670 Basic Emergency Care/First Responder.	2
FIRE 1700 Fundamentals of Fire Prevention	3
FIRE 1760 Building Construction	3
FIRE 1810 Intro to Wildland Fire Fighting	3
FIRE 1830 Intermediate Wildland Fire Behavior	3
FIRE 2525 Rescue Practices for the Fire Service	3
FIRE 2560 Apparatus and Procedures	3
FIRE 2570 Managing Fire Service	3
FIRE 2625 Advanced Rescue Practices	3
FIRE 2700 Supervisory Management.	3
Electives	14

A minimum of 64 approved semester credits are required for graduation. For specific graduation requirements see "Academic Policies" and "Degree Requirements."

Fire Science Technology Certificate (Certificate Requirements)

A minimum of 30 credits is required from the list below.

FIRE 1500 Introduction to Fire Science	3
FIRE 1510 Fire Fighting Strategy and Tactics I.	3
FIRE 1520 Fire Fighting Strategy and Tactics II	3
FIRE 1550 Causes and Investigation	3
FIRE 1570 Fire-Related Codes and Ordinances	3
FIRE 1670 Basic Emergency Care/First Responder	2
FIRE 1700 Fundamentals of Fire Prevention	3
FIRE 1760 Building Construction	3
FIRE 1810 Intro to Wildland Fire Fighting	3
FIRE 1830 Intermediate Wildland Fire Behavior	3
FIRE 2525 Rescue Practices for the Fire Service	3
FIRE 2560 Apparatus and Procedures	3
FIRE 2570 Managing Fire Service	3
FIRE 2625 Advanced Rescue Practices	3
FIRE 2700 Supervisory Management	3

For specific graduation requirements see "Academic Policies" and "Degree Requirements."