

Fire Science Technology

Certificate of Achievement

For additional degrees and certificates, see the fire academy, volunteer firefighter and wildland firefighter emphasis worksheets.

Certificate Outcomes

Students completing the certificate will:

- Learn about the different theaters of firefighting and prevention.
- Identify and properly use the different equipment needed in the different theaters of firefighting.

General Education Requirements

EMS 108 Emergency Medical Technician I Basic Training is strongly recommended in addition to the other requirements.

Communications	3 credits
Human Relations	3 credits
Recommended: MGT 212	
Quantitative Reasoning	3 credits
Total General Education Requirements	9 Credits

Core Requirements

FS 241	Fire Company Organization Management	3
FT 101	Introduction to Fire Protection	3
FT 125	Build Construction I.....	3
FT 131	Hazardous Materials.....	3
FT 243	Firefighting Tactics and Strategy	3
Total Core Requirements		15 Credits

Elective Requirements

Six additional credits required. Choose from the following or other FS courses listed in the catalog.

FS 285	Selected Topics in Fire Science	0.5-6
FT 110	Basic Wildland Firefighting.....	3
FT 121	Fire Prevention I	3
FT 122	Codes/Ordinances I.....	3
FT 150	Apparatus and Equipment.....	3
FT 151	Fire Service Hydraulics I.....	3
FT 291	Fire Administration	3
Total Elective Requirements		6 Credits

Total Certificate Requirements	30 Credits
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Fire science students without prior fire service experience must take FT 101 Introduction to Fire Protection before entering the fire academy.

The curriculum follows National Wildland Cooperation Group standards.

Suggested Course Sequence

For a suggested program sequence, please contact the academic advisement office at 775-673-7062.