

Fire Science

Career & Technical Degrees and Certificates

Certificate: Fire Academy I This certificate program prepares students for the entry level in the fire service. Students learn the entry-level skills necessary to respond to emergencies in their communities. These include medical, fire-related, and hazardous materials incidents.

This curriculum includes courses included in the Associate of Applied Science degree in Fire Science Technology and credits may be applied toward that degree.

Students must demonstrate acceptable proficiency levels in reading, writing, and mathematics as prerequisites for courses within this certificate. Skills in these areas may affect the sequence in which students can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Fire Academy I.

Following is a suggested sequence of courses. See your advisor to develop a personalized schedule.

The Fire Academy I certificate is offered at the Timberline-Chaffee-County, West Garfield, and Vail/Eagle-Valley Campuses. For more information, see the Course Description section.

_____	EMS 125 EMT Basic	9
AND...		
_____	EMS 170 EMT Basic Clinical	1
_____	FST 100 Fire Fighter I	9
_____	FST 107 Hazardous Materials Operations (Level I)	3

Minimum Credits Required 22
Minimum Contact Hours Required 427.5

Certificate: Fire Academy II This certificate program is intended to advance fire fighters to the next level in the fire service. Students will learn new skills at the Fire Fighter II and Hazardous Materials Technician levels. Completion of Fire Academy I, or its equivalent, is required.

This curriculum includes courses included in the Associate of Applied Science degree in Fire Science Technology and credits may be applied toward that degree.

Students must demonstrate acceptable proficiency levels in reading, writing, and mathematics as prerequisites for courses within this certificate. Skills in these areas may affect the sequence of courses in which students can enroll and may also extend the time required to complete this program. For more details, please see the Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Fire Academy II.

Please see your advisor for a recommended sequence of courses.

The Fire Academy II certificate is offered at the Timberline-Chaffee County, West Garfield, and Vail/Eagle-Valley campuses. For more information, see the Course Description section.

_____	FST 101 Fire Fighter II	6
_____	FST 254 Hazardous Materials Technician Level	3

Minimum Credits Required 9
Minimum Contact Hours Required 180

Certificate: Company Officer This certificate program prepares students to perform the duties of the Fire Department Company Officer, which is the first level of management in the fire service.

This curriculum includes courses included in the Associate of Applied Science degree in Fire Science Technology and credits may be applied toward that degree.

Students must demonstrate acceptable proficiency levels in reading, writing, and mathematics as prerequisites for courses within this certificate. Skills in these areas may affect the sequence of courses in which students can enroll and may also extend the time required to complete this program. For more details see Academic Placement and Testing section.

Graduates of the program will receive a Certificate of Occupational Proficiency in Company Officer.

Following is a suggested sequence of courses. Please consult with your advisor regarding this program and courses, as well as any credit for prior learning, for example, FST 101 (Fire Fighter II) or Colorado Division of Fire Safety's (CDFS) Fire Fighter II certificate, and FST 107 (Hazardous Materials Operations Level) or CDFS Hazardous Materials Operations Level certificate.

The Company Officer certificate is offered at the Vail/Eagle Valley Campus. For more information see the Courses section.

_____	FST 101 Fire Fighter II	6
_____	FST 107 Hazardous Materials Operations (Level 1)	3
_____	FST 201 Instructional Methodology	3
_____	FST 206 Fire Company Supervision & Leadership	3

Minimum Credits Required 15
Minimum Contact Hours Required 270