



## Secondary CTE Fire Science

### Applicant

Legal name: \_\_\_\_\_

Date: \_\_\_\_\_

### Requirements

**Content Knowledge (Applicants must have A or B):**

A. 24 semester hours of related postsecondary coursework verified on an official transcript to include a minimum of 3 semester hours of content coursework in **eight** of the areas listed in the table below.

**OR**

B. Applicants who provide a valid and current state\* or national industry license or certification in the appropriate occupational area may have the content coursework waived by the Colorado Department of Education (e.g., Colorado Department of Public Safety certifications). *\*This does not include teacher licenses.*

**Occupational Experience (Applicants must have either option 1 or 2):**

*Credit for student teaching up to 800 hours, in the content area, may be applied to either occupational or teaching experience*

1. 4,000 hours of verified occupational experience in the content area within the last seven years

**OR**

2. 3 years verified teaching experience in the content area within the last seven years (full-time is defined as 51% or more of a teaching schedule dedicated to teaching in the content area).

Content coursework (3 semester hours in eight of the areas)	Coursework	Semester Hours
Firefighter Occupational Health and Safety		
Fire Protection Systems		
Fire Inspection Practices		
Firefighting Strategy and Tactics		
Hazardous Materials		
Fire Codes and Ordinances		
Fire Ground Organization and Command		
Fire Science Hydraulics		
Rescue Techniques		

**Total semester hours (24 semester hours required):**

Up to a maximum of 6 semester hours of professional development may be applied toward coursework requirements and must be documented in the application. (15 contact hours = 1 semester hour)

**Note: Initial (three-year) CTE Authorizations cannot be renewed and always include mandatory CTE coursework assigned at the time of issuance. You will be notified by CDE via email of all required coursework that is needed to advance to a Professional (five-year) CTE Authorization. Please do not enroll in coursework related to this CTE Authorization until you have been notified by the Colorado Department of Education.**