



Secondary CTE STEM

Applicant

Legal name:

Date:

Requirements

Applicants must meet both content knowledge and occupational experience requirements.

Content Knowledge (Applicants must have A, B or C):

- A. 24 semester hours of related postsecondary coursework verified on an official transcript to include a minimum of three (3) semester hours of content coursework in **three** (3) 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 (e.g., CAD certification, PLTW Engineering or PLTW computer science) may have the content coursework waived by the Colorado Department of Education. **This does not include teacher licenses.* **OR**
- C. Passing scores in two (2) of the three (3) content areas: mathematics (PLACE 04 or PRAXIS 5161); science (PLACE 05 or PRAXIS 5435); or technology education (PLACE 37 or PRAXIS 5051). Copies of official score reports must be submitted with the application.

Occupational Experience (Applicants must have 1, 2 or 3):

Credit for student teaching (up to 800 hours) in the content area may be applied to either occupational or teaching experience.

1. If you hold a bachelor's or higher degree: 2,000 hours of verified occupational (non-teaching) experience in the content area **OR**
2. If you hold less than a bachelor's degree: 4,000 hours of verified occupational (non-teaching) experience in the content area **OR**
3. Three (3) years' verified teaching experience in the content area (full-time is defined as 51% or more of a teaching schedule dedicated to teaching in the content area).

Content coursework (min. 3 semester hours in 3 areas)	Coursework	Semester Hours
Math		
Science		
Engineering		
Electronics		
Computer science		
Computer information systems		
Computer networking		
Computer aided drafting		

Total semester hours (24 semester hours required):

Up to a maximum of six (6) semester hours of professional development may serve in lieu of coursework in the "content coursework" section above and must be documented within 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 until you receive the notification from CDE.