



## Secondary CTE STEM

### Applicant

Legal name:

Date:

### 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 3 semester hours of content coursework in **three** 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., CAD Certification, Project Lead the Way (PLTW) Certification in either PLTW Engineering or PLTW Computer Science).  
*\*This does not include teacher licenses.* **OR**
- C. Passing scores in two of the three content areas: mathematics – PLACE 04 or PRAXIS 5161; science – PLACE 05 or PRAXIS 5435; and technology education – PLACE 37 or PRAXIS 5051. Copies of official score reports must be submitted with the application.

**Occupational Experience (Applicants must have either option 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 degree or higher: 2,000 hours of verified occupational (non-teaching) experience in the content area within the last seven years **OR**
- 2. If you hold less than a Bachelor’s degree: 4,000 hours of verified occupational (non-teaching) experience in the content area within the last seven years **OR**
- 3. 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 (Minimum of 3 semester hours in three of the 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 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.*