

Secondary CTE STEM Credential

Applicant

Legal name: _____ Date: _____

Requirements

- a. 24 semester hours of coursework from a regionally accredited institution verified on an official transcript.
- A minimum of three semester hours of coursework is required in three of the areas listed below
OR
 - Passing exam scores in two of the three content areas: Mathematics (PLACE #04 or PRAXIS II #0061 or #5061), Science (PLACE #05 or PRAXIS II #0435 or #5035), Technology Education (PLACE #37).
OR
 - Applicants who include a valid/current state or national industry license or certification ((i.e., PLTW Certification, AutoCAD Certification) in the appropriate skill or trade area may have the coursework waived by the Colorado Department of Education.
- b. Experience (Credit for student teaching up to 800 hours, in the content area, may be applied to either occupational or teaching experience):
- Bachelor's degree or higher: 2,000 hours of verified occupational (non-teaching) experience in the content area within the last seven years
OR
 - 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 years full-time 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 3 of the areas)	Coursework	Semester Hours
Math		
Science		
Engineering		
Electronics		
Computer science		
Computer information systems		
Computer networking		
Computer aided drafting		
Total semester hours		
Credit may be applied from a maximum of 6 semester hours of documented professional development or work experience. Must be documented in the application.		

Mathematics: PLACE Exam (#04) ☐ Passed ☐ NOT passed
Praxis II exam (#0061/#5061) ☐ Passed ☐ NOT passed

Science: PLACE Exam (#05) ☐ Passed ☐ NOT passed
Praxis II exam (#0435/#5035) ☐ Passed ☐ NOT passed

Technology Education: PLACE Exam (#37) ☐ Passed ☐ NOT passed

Note: Initial (3 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 move from a three year to a 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.