COLORADO
Department of Education

Educator Talent Division
http://www.cde.state.co.us/educatortalent

Secondary CTE Energy

Applicant

Legal name: Date:

Requirements

U.S. Service Member Applicants may meet content knowledge and experience requirements as follows:

- Applicant has served in a branch of the military with an MOS **related** to the CTE credential listed above.
- The service member must also have served no less than 3 years of active duty (Guard/Reserves must have 10 years or 5 years with a total of 12 active related deployment months)under this MOS.
    - MOS, time of service, and an Honorable discharge must be verified on a DD-214 submitted with this application.

All other applicants must meet all requirements outlined in 1 and 2 below:

1. **Content Knowledge**

- 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 each of the areas listed as **REQUIRED** below, and 15 semester hours of content related coursework from the areas listed as **RELATED** in the table below **OR**
- a valid and current state* or national industry license or certification in the appropriate occupational area (e.g., energy industry fundamentals, certified energy or building analyst, certified energy manager, licensed master electrician, etc.). **This does not include teacher licenses.*

2. **Occupational Experience:**
Credit for student teaching (up to 800 hours) in the content area, may be applied to either occupational or teaching experience

- 2,000 hours of verified occupational experience in the content area **OR**
- 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	Coursework	Semester Hours
REQUIRED (3 Semester Hours in Each)		
Natural resource conservation/environmental science		
Physics or application of physical science		
Electrical theory, generation and distribution		
RELATED (Total of 15 Semester Hours)		
Earth science		
Chemistry/organic chemistry/biochemistry		
Geology		
Mechanical systems/mechanical maintenance		
Coursework specific to individual energy pathways		
	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 "related coursework" section above and must be documented within the application. (15 contact hours = 1 semester hour)		