



Secondary CTE Information Technology [Coding] – Alternate Pathway

Applicant

Legal name:

Date:

Requirements

The following alternate pathway to CTE Information Technology [Coding] authorization for currently licensed teachers provides them an opportunity to meet the requirements for the credential through a combination of professional development activities and a teacher externship. This pathway is intended to be completed over the course of two summers and the full school year in between. Education-related requirements primarily will be delivered through the TechSmart, Inc.

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

- U.S. Air Force, Army, Coast Guard, Marine Corps, Navy or Space Force members: three or more years' active duty
- Guard/Reserves: 10 years' experience, or five years' experience with 12 months active-duty deployment
- Military Occupational Specialty (MOS), time of service and an honorable discharge must be verified on a DD-214 member copy 4 (submitted in application)

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

1. Content Knowledge:

- A valid Colorado teacher license with a secondary (grades 7 to 12) endorsement
- Certificate of completion of:
 - CST201: Coding in Python 1 for Teachers (70 hours)
 - CST202: Coding in Python 2 for Teachers (70 hours)

2. Occupational Experience (Applicants must have 1 and 2):

- A minimum of one year full-time teaching experience **AND**
- Verification of completed on-the-job externship with a tech partner company, including experiences with coding and software development teams and practices.



COLORADO
Department of Education

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

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.