



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.

Applicants must meet both content knowledge and occupational experience requirements.

Content Knowledge (Applicants must have A and B):

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

Occupational Experience (Applicants must have 1 and 2):

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

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.