Introduction to Computer Science

Endorsement Application for the Utah State Board of Education

APPLICANT INFORMATION

Name: CACTUS ID#:

Email:

PURPOSE

This endorsement is meant for certified teachers interested in teaching **Introduction to Computer Science** courses. It is attached to a current Utah Educator License with a license area of concentration in **Elementary**, **Secondary** or **CTE** Education.

Prerequisite Requirement

CTE Knowledge

Associate Level Requirements

Complete **ONE** of the competency areas.
This endorsement is non-renewable and valid for up to three school years before it expires.

Professional Level Requirements

Complete **ALL** the competency areas.

ENDORSEMENT COMPETENCY AREAS

1. CTE Knowledge (REQUIRED)

Select <u>one</u> of the following options:

☐ USBE Course: [CTE Orientation Canvas](#) course
☐ Complete THREE years of full-time CTE Teaching in Utah
☐ Currently hold a professional-level CTE endorsement

2. Software Programming

Select <u>one</u> of the following options:

☐ A bachelor's degree in cybersecurity
    University:
    Degree:
☐ Praxis #5652 Computer Science
☐ Utah State University Computer Science Teaching Program
☐ Industry Certification (choose one):
    o Software Development Industry Exam
    o NES Test #315: Computer Science

☐ Equivalent University Course (ex, CS 1400, CS 1030)

University: Course code:

Course name: Semester/Year: Grade:

☐ Harvard EdX: CS50X

3. *Programming Language*

Select <u>one</u> of the following options:

☐ A bachelor's degree in cybersecurity

University:

Degree:

☐ Praxis #5652 Computer Science

☐ Utah State University Computer Science Teaching Program

☐ University Course (ex, CS 1400, CS 1030)

University: Course code:

Course name: Semester/Year: Grade:

☐ Industry Certification (Choose one)

- o NES Test #315: Computer Science
- o C#: Knowledge Pillars C# Coding Specialist
- o Python: Certiport ITS Python
- o Python: Knowledge Pillars Python Coding Specialist
- o Java: Certiport ITS Java
- o Java: Knowledge Pillars Java Coding Specialist
- o JavaScript: Certiport ITS JavaScript
- o JavaScript: Knowledge Pillars JavaScript Coding Specialist
- o ed2go - Introduction to C# Programming
- o ed2go - Introduction to C++ Programming
- o ed2go - Introduction to Java Programming
- o ed2go - Introduction to JavaScript
- o ed2go - Introduction to Python Programming

☐ Harvard EdX: CS50W

4. *Digital Literacy*

Select <u>one</u> of the following options:

☐ USBE Digital Literacy Methods Workshop

☐ IC3 Digital Literacy Certifications

APPLICATION SUBMISSION

Submit the application online in the Utah Educator Licensing Application System, Survey Monkey Apply (https://usbelicensing.smapply.us). **Please upload any certifications or documentation that verifies the competencies indicated.**