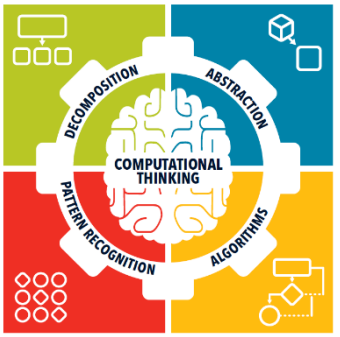
The International Society for Technology in Education (ISTE), with generous support from the Community Foundation of Utah and the Utah Valley University, is offering educators professional development on 21st century learning design, featuring the Computational Thinking Learning Pathway. Participants can learn how to integrate CT across curriculum and earn competency-based microcredentials.

Welcoming Event at UVU – Friday, February 23, 2024

The UVU School of Education will host a full-day networking opportunity for participants in the ISTE Computational Thinking Learning Pathway to network with other teachers across the state, develop relationships with UVU School of Education faculty and staff members. They will become familiar with the Creative Learning Studio and its resources, build relationships with industry professionals from notable Utah technology companies, and receive valuable information on that future of STEM education in the classroom.

Computational Thinking Learning Pathway



Computational thinking is a powerful 21st century problem solving skill essential for the new workforce. Scaffolding these skills with students of all ages and across content areas, prepares students for computer science and, when integrated into learning activities, provides students experience solving authentic problems. This CT Pathway includes:

- 15-hour, asynchronous instructor-led course
- Virtual, facilitator-led 3-hour workshop to put learning into practice through collaborative design challenge
- Opportunity to earn 3 microcredentials: CT Learner, CT Designer and CT Facilitator

Topics to be covered include:

- CT course:
  - Developing computational thinking problems for exploration
  - Applying the CT elements to formulate CT problem-solving
  - Designing learning with CT integration in mind
- CT workshop:
  - Hands-on and deeper practice with the CT process by putting teachers in the learner's perspective allowing them to apply the CT elements
  - Educators will leave with a blueprint for designing their own CT integrated lessons
- CT Learner, CT Designer + CT Facilitator microcredentials:
  - Participants work at their own pace to curate and submit artifacts for review.
  - The microcredentials are designed as a progression. Participants must successfully complete one before accessing the next one.
  - Earning the microcredentials validate participants' competency in applying computational thinking in learning activities.

Participants will earn:

- Stipends for participating in the course and earning the microcredentials
    - $65 for completing the coursework
    - Up to an additional $225 for earning the microcredentials

CT Pathway Dates: Participants must complete all course materials within the timeframe.	
Offering Title:	**Dates (proposed):**
CT Course	February 26 to April 26, 2024
3-hour virtual CT Workshop	Saturday, May 4, 2024
Access to CT Learner Microcredential	Enrollment into microcredential submission space opens on May 1. ** Work at your own pace to submit artifacts. Once you earn the CT Learner Microcredential, you can be enrolled into the Designer Microcredential.*
Access to CT Designer Microcredential	Enrollment opens June 1 ** Work at your own pace to submit artifacts. Once you earn the CT Designer Microcredential, you can be enrolled into the Leader Microcredential.*
Access to CT Facilitator Microcredential	Deadline to submit: Sept 30, 2024.

Interested? Fill out this form or you can scan this QR code: