

# Educational Technology Endorsement Specs

*Competencies & Requirements to Earn this Endorsement*



## Purpose

This Education Technology Endorsement, when attached to a current Educator License, verifies that the individual has the skills and knowledge necessary to empower students to adapt, create, consume, and connect in productive, responsible ways to utilize technology.

## Prerequisites

To be eligible for this endorsement, candidates must meet the following prerequisite:

- Have a Utah Educator License with an Elementary, Secondary, or Special Education area of concentration.

## Endorsement Requirements:

The Education Technology Endorsement has 4 competency areas.

1. Foundations of Instructional Design and Pedagogy
2. Professional Growth and Leadership
3. Supporting (Developing) 21<sup>st</sup> Century Learners
4. Digital Citizenship and Information Literacy

# #1 Foundation of Instructional Design and Pedagogy

## Essential Educational Technology Skills

*Educators will be able to:*

- Demonstrate competency when implementing local education agency (LEA) and state provided (USBE, UEN, STEM Action Center) digital learning tools in the classroom.
- Use technology to find, organize, and curate educational resources.
- Evaluate hardware and software with regards to instructional goals and student data privacy requirements.

## Essential Pedagogical Understanding and Application

*Educators will be able to:*

- Explore and apply instructional design principles and core standards for high quality digital instruction using research-based models of technology integration (PICRAT, TPACK, SAMR, Triple E, etc.) to engage and support learning aligned with LEA goals.
- Design and implement the appropriate learning modality for various situations (Face-to-Face, Online, Blended, etc.).
- Engage in a reflective practice and data analysis as part of the instructional cycle.
- Integrate elements of UDL (Universal Design for Learning) in lessons in order to eliminate barriers to learning.

# #2 Professional Growth and Leadership

*Educators will be able to:*

- Seek out, join, and participate in local and global learning communities to pursue professional learning and stay current with research that supports student learning.
- Collaborate with colleagues to identify, adopt, and evaluate digital tools and resources for learning.
- Plan and provide professional learning experiences for a grade level team, department, school, or professional conference.

*Revised 02/27/2024 by Rick Gaisford, Educational Technology Specialist – Rick.Gaisford@schools.utah.gov*

## #3 Supporting (Developing) 21st Century Learners

### Personalized Learning

*Educators will be able to:*

- Facilitate student usage of digital tools in a way that enables students to become responsible creators and critical consumers of digital content.
- Apply the principles of personalized learning to tailor the preferences and interests of various learners as well as instruction that is paced to a student's unique needs.
- Foster a classroom climate of inquiry and a growth mindset.

### Facilitating Learning Through Collaboration

*Educators will be able to:*

- Provide opportunities for students to engage virtually with experts, teams and students, locally and globally.
- Model and facilitate the responsible repurposing and remixing of digital resources by students.
- Plan and implement opportunities for students to work collaboratively with others.

### Facilitating Learning Through Creativity

*Educators will be able to:*

- Provide opportunities for students to publish and present original content for various audiences.
- Encourage responsible evaluation of curated material.
- Engage students in the curation of original works.
- Facilitate opportunities for students to positively affect his or her society as a result of their creative works.

## Facilitating Learning Through Communication

*Educators will be able to:*

- Encourage responsible evaluation and appropriate responses to others' online communications.
- Demonstrate communicating complex ideas clearly and effectively through a variety of digital objects.
- Foster opportunities for students to demonstrate effective communication skills online.
- Provide examples of effective online student communication.

## Facilitating Learning Through Critical Thinking

*Educators will be able to:*

- Design and facilitate Project-Based Learning (PBL) experiences.
- Provide opportunities for learners to engage in Computational Thinking learning experiences.

## #4 Digital Citizenship and Information Literacy

### Digital Citizenship

*Educators will be able to:*

- Create positive online experiences for students that foster responsible contribution and empathetic engagement.
- Empower students to recognize and appropriately respond to inappropriate or dangerous online interactions.
- Promote and model appropriate data privacy practices.
- Guide students to develop a positive and responsible digital identity.

## Information Fluency

*Educators will be able to:*

- Model and instruct students in best practices for information literacy and media fluency.
- Model and instruct students to assess the credibility and usefulness of online resources.
- Model and instruct students to meaningfully interpret large amounts of complex information and communicate and share across various media platforms.
- Model and instruct students in the best practices for fair use, copyright protection and creating original works.
- Create a culture of learning that provides opportunities for collaboration, critical thinking, creativity, communication (4 C's) which empowers learners to adapt, create, consume, connect.

# Overview of Requirement Areas and Approved Competency Paths to the Educational Technology Endorsement

Requirement Area	Approved University Course (or USBE Credit course offered by authorized LEA programs)  <u>Evidence:</u> If this option is used the application must include a transcript for each course below.	Microcredential Stack  <u>Evidence:</u> If this option is used the application must include the PDF copy of the MIDAS Transcript for each stack listed below.	Other Approved Competency Pathways  <u>Evidence:</u> If this option is used the application must include the PDF copy of a certificate/letter of completion from the providing entity certifying all requirements have been completed.
<b>Foundation of Instructional Design and Pedagogy</b>	Foundation of Instructional Design and Pedagogy	<a href="#">Foundation of Instructional Design and Pedagogy Microcredential Stack</a>	<ul style="list-style-type: none"> <li>• Completion of an approved LEA Educational Technology Endorsement Pathway</li> <li>• <a href="#">Completion of the UEN ETEP Program</a></li> <li>• <a href="#">Completion of the ISTE Teacher Certification Program</a></li> </ul>
<b>Professional Growth and Leadership</b>	Professional Growth and Leadership	<a href="#">Professional Growth and Leadership Microcredential Stack</a>	<ul style="list-style-type: none"> <li>• Completion of an approved LEA Educational Technology Endorsement Pathway</li> <li>• <a href="#">Completion of the UEN ETEP Program</a></li> <li>• <a href="#">Completion of the ISTE Teacher Certification Program</a></li> </ul>
<b>Supporting (Developing) 21st Century Learners</b>	Supporting (Developing) 21st Century Learners	<a href="#">Supporting (Developing) 21st Century Learners Microcredential Stack</a>	<ul style="list-style-type: none"> <li>• Completion of an approved LEA Educational Technology Endorsement Pathway</li> <li>• <a href="#">Completion of the UEN ETEP Program</a></li> <li>• <a href="#">Completion of the ISTE Teacher Certification Program</a></li> </ul>

<b>Digital Citizenship and Information Literacy</b>	Digital Citizenship and Information Literacy	<a href="#">Digital Citizenship and Information Literacy Microcredential Stack</a>	<ul style="list-style-type: none"> <li>• Completion of an approved LEA Educational Technology Endorsement Pathway</li> <li>• <a href="#">Completion of the UEN ETEP Program</a></li> <li>• <a href="#">Completion of the ISTE Teacher Certification Program</a></li> </ul>
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## Applying for the Endorsement:

Submit all documentation and application form to Educator Licensing through SM Apply (<https://usbelicensing.smapply.us/>). Transcripts must be submitted to [transcripts@schools.utah.gov](mailto:transcripts@schools.utah.gov) directly from your college or university.