Technology Integration in Teacher Education @

What is effective technology integration?

When you think "technology integration," you might think of software and apps. But meaningful technology integration goes far beyond prepackaged tools. True technology integration requires generative practices where students use digital devices and cloud-based tools to:

Connect and learn with others | Create new materials | Communicate knowledge broadly

How does the University of Utah teach technology integration for the classroom?

- The Instructional Design and Educational Technology (IDET) Program and the Center for the Advancement of Technology in Education at the University of Utah are dedicated to training teachers how, when, and why technology can be used to improve student learning.
- We train teachers to analyze technology tools, digital practices, and online materials in light of their potential to spark deep, meaningful thinking in the classroom.
- We practice this analysis through hands-on application of technology for instruction, including:

MOBILE DEVICES FOR CONTENT CREATION

Use mobile devices and apps to create videos, books, photos, and interactive presentations to support deep learning, peer collaboration learning, and literacy development

BOOK APPS

Teachers and students create their own interactive stories and publish them for others

PHOTO APPS

Students take and adapt photos to apply their knowledge to the real world

VIDEO APPS

Video-based storytelling that supports literacy development and 21st century communication

WEB 2.0 AND CLOUD COMPUTING

Utilize web tools and cloud capabilities to learn and implement optimal website design, instructional design, personalized content, digital portfolios, and online assessment tools

TEACHING WITH MULTIMEDIA

Teacher candidates learn to develop interactive digital materials such as stop motion videos, online video explanations, digital captures of hands-on experiments, and personalized multimedia lessons.

DIGITAL ASSESSMENTS

Quiz Time!

Teacher candidates learn to create high-quality questions for digital polling, instant feedback, embedded video reflection, flipped classroom assessment, and much more!

INTERNET SAFETY AND STUDENT PRIVACY

Analyze and implement strategies for netiquette, student safety, and protecting student privacy online

PROFESSIONAL LEARNING NETWORKS

Teachers candidates learn to use Twitter accounts to connect with teachers state- and nation-wide during professional learning chats.

DIGITAL PRESENCE

Best practices for creating classroom websites, producing teacher videos, and engaging with parents using digital methods.

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