Overview

Educational Technology for Teaching and Learning is a key component of WGU’s professional core and is a required course for all initial licensure candidates. This course prepares candidates to incorporate technology into their classroom practices in ways that improve teaching and learning. The ISTE standards will form the basis for their practice. The material will teach candidates to critically evaluate software and hardware options that may positively impact the classroom environment, while also increasing their awareness of ethical usage and considerations related to equity, access to technology, and appropriate use of technology by P–12 students. Assistive technologies to meet the needs of a diverse learner population also will be taught in this course. Candidates will engage in three hours of preclinical experience that include virtual observations of classroom practices incorporating technology to support educational goals. Crosscutting themes of technology and diversity are interwoven for further development. This course is designed to be taken after successful completion of the Assessing Impact on Student Learning course.

Competencies

- **Readiness**
  
  This competency exists to assess the readiness of students.

- **Analyzing Research-Based Technology**
  
  The graduate analyzes how research-based applications of technology facilitate student learning.

- **Educational Technology Application**
  
  The graduate evaluates the application of technology in the classroom, including its impact on learning for all students and potential equity or access issues.

- **Technology-Enabled Classroom Culture**
  
  The graduate promotes a technology-enabled classroom culture that is equitable, ethical, and socially responsible.

- **Curriculum and Instructional Design for Digital Learning**
  
  The graduate applies curricular and instructional design principles to create effective digital learning environments.

- **Technology for Assessment**
  
  The graduate recommends technology as an assessment tool to encompass multiple learner needs, provide in the moment feedback, and inform instruction.

- **Educational and Assistive Technology for Self-Directedness and Independent Learning**
  
  The graduate fosters student self-directedness and independent learning through the use of technology.
Welcome to Educational Technology for Teaching and Learning! In this course you will learn why integrating technology is beneficial to students and how to research and evaluate potential educational technology tools. Using a framework for the meaningful selection and integration of technology, you will explore multiple ways to integrate technology into the classroom. You will explore ways educational technology can help students become independent learners and change the way formative and summative assessments are delivered and analyzed. This course is delivered in the WGU module-based learning platform, which incorporates readings and a variety of interactive learning components. For the best experience, we recommend completing the modules in order, according to the provided topics and pacing. Your competency will be demonstrated by successful completion of a performance assessment.