

Graduate Curriculum & Competency Development Sample

Overview

This sample represents curriculum and competency development work focused on graduate-level education and instructional technology integration. The work supports competency-based learning design, faculty alignment, and the development of measurable outcomes that promote effective and equitable technology use in educational settings.

Frameworks informing this work include:

- ISTE Standards
 - SAMR Model
 - TPACK Framework
 - Principles of accessibility, digital citizenship, and ethical AI integration
-

Sample Competency

Analyze digital tools and technologies that support educational goals.

Competency Intention

This competency focuses on helping educators critically evaluate digital tools and technologies for purposeful instructional use. Learners analyze how technology can support educational and behavioral goals while considering accessibility, engagement, equity, ethical implementation, and instructional impact. Emphasis is placed on selecting technology intentionally rather than adopting tools based solely on novelty.

Knowledge Statements

Learners demonstrate understanding of:

- Educational technology frameworks including SAMR and TPACK
- Accessibility and equitable access considerations in digital learning environments
- Ethical, legal, and responsible technology use in education

- Digital citizenship and data privacy principles
 - Instructional technologies that support communication, engagement, collaboration, and assessment
 - Emerging technologies, including AI-enhanced educational tools
 - Evaluation criteria for selecting instructional technologies aligned to learning goals
-

Skill Statements

Learners are able to:

- Evaluate digital tools for instructional effectiveness and alignment to student outcomes
 - Analyze the impact of educational technologies on student engagement and learning
 - Recommend technology solutions that support equitable and accessible learning experiences
 - Apply instructional technology frameworks to support pedagogically sound decision-making
 - Compare and assess technology tools using evidence-based criteria
 - Support intentional technology integration within instructional environments
-

Disposition Statements

Learners demonstrate dispositions that include:

- Commitment to equitable and inclusive learning experiences
 - Reflective and ethical decision-making related to technology use
 - Openness to innovation balanced with critical evaluation
 - Advocacy for responsible and student-centered technology integration
 - Collaborative and growth-oriented professional practice
-

Instructional Design Considerations

This competency was designed to encourage intentional technology integration grounded in pedagogy and learner outcomes. The competency structure emphasizes:

- measurable learning outcomes
- instructional alignment
- ethical technology use

- accessibility and equity
- faculty support and implementation considerations

The development process incorporated collaboration, iterative revision, and alignment to broader instructional design and educational leadership goals within graduate education settings.