

Course Outline for: EDUC 2101 Education Technology**A. Course Description:**

1. Number of credits: 3
2. Lecture hours per week: 3
3. Prerequisites: EDUC 1101
4. Corequisites: None
5. MnTC Goals: None

Explore the multifaceted role of information and technology in education, emphasizing the critical social, ethical, and legal considerations involved. Learn to advocate for the safe and responsible use of digital resources, mastering effective documentation practices and respectful engagement on social media. Students engage in hands-on experiences with interactive software and instructional design principles and create dynamic lesson plans that elevate learning and assessment strategies. Students gain proficiency with current and emerging technologies and feel empowered to communicate with stakeholders in the K-12 environment while continually enhancing their tech skills.

B. Date last reviewed/updated: December 2024**C. Outline of Major Content Areas:**

1. Ethics and responsibility in technology use
2. Instructional design principles
3. Interactive software for learning
4. Proficiency with K12 technologies
5. Effective communication using technology
6. Continuous professional development

D. Course Learning Outcomes:

Upon successful completion of the course, the student will be able to:

1. Articulate the issues surrounding the use of information and technology from multiple viewpoints (e.g., social, ethical, legal, and human).
 - a. Advocate for, model, and teach safe, legal, and ethical use of information and technology, including appropriate documentation of sources and respect for others in use of social media. (SEP 6- Professional Responsibilities, I)
2. Demonstrate strategies for using educational technology in instructional design (e.g., planning lessons, enhancing instructional strategies and techniques, and assessing learning).
 - a. Explore instructional design principles to create innovative digital learning environments that engage and support learning. (SEP 4- Planning for Instruction, I)
3. Create lessons using interactive software.

4. Demonstrate proficiency with technology commonly in use in K12 settings
 - a. Demonstrate continual growth in knowledge and skills of current and emerging technologies and apply them to improve personal productivity and professional practice. (SEP 6- Professional Responsibilities, H)
5. Use technology to communicate effectively in the K12 environment with internal and external stakeholders.

E. Methods for Assessing Student Learning:

Methods for assessment may include, but are not limited to, the following:

1. Reflections
2. Discussions
3. Demonstrations
4. Creation of Lesson Plans
5. Exams

F. Special Information:

This course includes embedded Standards of Effective Practice (SEPs) as mandated by the Minnesota Professional Educator Licensing and Standards Board (PELSB).