

TECP 63C : Instructional Technology

Presents the theory and strategies for effective integration of technology resources and technology-based methods of instruction and assistive technology designed for students with disabilities. A background of mediated instruction will be provided along with a review of the qualities and benefits of technology options, including assistive technology, available to instructional settings. Opportunities to apply instructional delivery using common forms of media, multimedia, computers, and specialized programs for students with disabilities will be integral to this course, in addition to contemplation of future issues of integration of technology and matters of time and place of the learning experience.

Credits 3

Lab/Practicum/Clinical Hours 0

Lecture Hours 3

Prerequisite Courses

EDU 104C

Learning Outcomes

- Prepare an instructional design and lesson plan that demonstrates the effective use of technology in instruction based on national standards.
- Identify and use the hardware and software appropriate to an educational environment.
- Evaluate the effectiveness of educational software.
- Describe and demonstrate the application of key Internet and Web 2.0 resources in teaching and learning.
- Understand the critical educational, ethical, and social issues relating to technology in instruction.
- Identify and describe how key emerging technologies are likely to have impact on education.