

Syllabus

Computers in the Classroom

LTEC 4100 Fall 2016

Instructor: Dr. Gerald Knezek

Office: DP 193D

Office Hours: 10:00 - 11:30 on Tuesdays & Thursdays, and a half hour after class as time permits

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Course Overview/Objectives

This survey course will introduce preservice educators to techniques for integrating technology into daily classroom activities. Topics covered in this course will be areas that impact or have the potential to impact educators working in the classroom environment. Special emphasis will be placed on constructing relevant and appropriate instructional environments.

The objectives for this course include the opportunity for participants to be introduced to computer applications in education relevant to student learning in k-12 classroom environments. In addition students should gain knowledge in the selection of educational software, feel comfortable modeling an educational presentation system, understand the integration of technology into the classroom and the use of other electronic sources for educational classroom resources. Students will develop a unit plan of instruction and assemble a portfolio of materials on a chosen topic that integrates technology.

Course Topics

- How are Computers used in the Classroom?
- Technology Integration in the Classroom
- Technology Integration
- Computer Ethics and Equity
- Technology and Diverse Needs of Learners
- Educational Software: How should we evaluate it?
- Telecommunications and the Internet in the Classroom
- Searching for Educational Resources
- Copyright Laws and Educational Technology
- Technology Applications (TA) Texas Essential Knowledge and Skills (TEKS)
- National Standards for Teacher Competencies
- National Standards for Student Competencies
- MicroWorlds Tuttee Mode Learning

Course Prerequisites

CECS 1100 (may be taken concurrently with consent of department). If you have not taken this course, it is your responsibility to make sure you learn the prerequisite skills to be successful in CECS 4100.

Course Policies

Participation and punctuality are professional behaviors expected of educators. Educational technology is not simply "doing computer activities"--it is much more. Hence, you need to participate in scheduled class discussions and learning activities. Since this is a hybrid course, many days will be scheduled as asynchronous class activities, some may benefit from your attendance at lab exercises or other small group activities, at a minimum having your synchronous virtual participation, even if there is no physical face-to-face meeting, from afar. Participation will be tracked for most class sessions through alternatives to roll call such as forum posts or submitted class activities. These will count for a significant part of your grade (Approximately 10%). You are expected to conform to all policies of the University of North Texas and work within the honor code.

- **GRADES**

Grades will be calculated by the following scale:

- A = 90% or more
- B = 80 to 89.4%
- C = 70 to 79.4%
- D = 60 to 69.4%
- F = Below 60%

Required Materials

Textbook: *Integrating Educational Technology into Teaching (4th Ed. or later)*, by M. D. Roblyer, Prentice Hall.

a USB pen drive - to regularly back up your work.

EEO/ADA Statement

EEO/ADA: The University of North Texas does not discriminate on the basis of race, color, religion, sex, age, national origin, disability or disabled veteran status in its educational programs, activities, admissions, or employment policies. Please see me outside of class to make any arrangements involving special accommodations.

Cheating: Plagiarism and cheating are serious offenses which may be punished by any of the following:

1. failure on the exam, project or paper
2. failure in the course, or
3. expulsion from the University of North Texas

For more information on EEO/ADA or academic dishonesty, please refer to your current Undergraduate Catalog.

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