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ECED 5830: Topics in Early Learning: Technology for Teachers with Young Children
WH 221 Wednesday, 5:00-9:00 pm
Spring 2004 Term 1, 3 Credit Hours

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; **Course Description:**

This course is intended for beginning or intermediate computer users. This is a hands-on, project-based course designed to help early childhood educators effectively integrate technology with their curriculum.

; **Learning Outcomes:**

- Demonstrates an understanding of technology operations and concepts. (MO-STEP 1.2.11.1)
 - Students will explore the role of technology in the early childhood curriculum.
 - Students will evaluate software and explore trends in using technology as an instructional tool, a learning tool, and an assessment tool.
 - Specific resources include but are not limited to: word processing, spreadsheets, database, graphic organizers, multimedia software, web pages, the Internet, digital camera, scanner, etc.
- Plans and designs effective learning environments and experiences supported by informational and instructional technology. (MO-STEP 1.2.11.2)
 - Students will investigate management strategies of a one-computer classroom, multi-computer classroom, and the computer lab and create a plan for management appropriate to their setting.
- Implements curriculum plans that include methods and strategies for applying information and instructional technology to maximize student learning (MO-STEP 1.2.11.3)
 - Students will plan a thematic unit, which incorporates the use of technology as an integrated part of the curriculum.
- Applies technology to facilitate a variety of effective assessment and evaluation strategies. (MO-STEP 1.2.11.4)
 - Students will explore ways to use technology as an assessment tool and develop a plan for implementing those strategies.
- Uses technology to enhance personal productivity and professional practice. (MO-STEP 1.2.11.5)
 - Students will use the Internet for research.
 - Students will explore ways to use technology such as web pages and email as an effective tool for communication with peers, parents, and the larger community.
- Demonstrates an understanding of the social, ethical, legal, and human issues surrounding the use of technology in PK-12 schools and applies that understanding in practice. (MO-STEP 1.2.11.6)
 - Students will investigate technology usage agreements and develop a plan to implement agreements in their setting.
 - Students will explore ways technology can be used to personalize learning for a diverse group of young children and will develop a plan for implementing these strategies.

; **Projected Schedule of Activities:**

Week 1:	January 14, 2004	<ul style="list-style-type: none"> - Introductions and Course Overview - Ethical and Legal Issues Surrounding Technology Use With Young Children - Software & Website Evaluation - Classroom Management <p>Required Reading: Chapters 5, 6, 8, 9</p>
Week 2:	January 21, 2004	<ul style="list-style-type: none"> - Word Processing, Spreadsheets, & Database - Graphic Organizers: Kidspiration <p>Required Reading: Chapters 1, 2, 3, 4</p>
Week 3:	January 28, 2004	<ul style="list-style-type: none"> - Digital Cameras - Scanner - World Wide Web <p>Required Reading: Chapters 10, 11, 12</p>
Week 4:	February 4, 2004	Developing Classroom Webpages
Week 5:	February 11, 2004	Powerpoint Presentations
Week 6:	February 18, 2004	Hyperstudio
Week 7:	February 25, 2004	Work on Final Project
Week 8:	March 3, 2004	Presentation of Final Projects Reflections

; **Resources:**

- Textbook: Wright, J. L., & Shade, D. D. (Eds.). (1994). Young Children: Active Learners in a Technological Age. Washington, DC: National Association for the Education of Young Children.
- Supplemental readings will be provided as needed.

; **Evaluation:**

- Attendance = 10%
- Participation = 10%
- Weekly Inquiry = 10%
- Final Project = 70%

; **Attendance:**

- Attendance at all classes is required. If a student anticipates missing a class, the instructor must be notified prior to the class. If so notified prior to the class, the absence may be excused. Students will be required to complete the work assigned and to make up any missed work by the next class. If the absence is unexcused or sufficient classes are missed (more than 2), the instructor reserves the right to lower the final grade.

; **This syllabus is subject to change at the discretion of the instructor.**