Unit Theme: Educator as creator of effective educational environments, integrating diverse students, strategies, societies, subjects, and technologies.

Catalog Course Description-EDU 2022: This course, based on the national and state educational technology standards is designed to prepare teachers to integrate technology into the curriculum. This course will focus on the effective use of technology in teaching and learning.

EDU 2022 is a professional education course not applicable for computer science or programming.

Course Prerequisite: Passing score on the CEPS technology proficiency.

Textbooks:


Supplemental Materials: Flash drive, LiveText account

Course Purpose: EDU 2022 is structured to offer teacher candidates opportunities to:
1. Practice and expand personal use of various kinds of hardware and software.
2. Use technology in the design of curriculum for constructivist teaching and learning.
3. Apply learning theory to evaluate quality technology experiences.
4. Make informed judgments about social and ethical issues involving technology.
5. Develop strategies and commitment to explore new and emerging educational technologies.

Outcomes Specific to EDU 2022:
 Students will be able to
1. Review research studies of effects of the impact of technology on learning.
2. Describe the development of computer technology over the past four decades and implications of this history for instruction.
3. Evaluate ethical, legal and social equity issues pertaining to the impact of technology
4. Apply terminology of the field, including Web 2.0
5. Use, explore, and apply telecommunications opportunities: html editors as appropriate for teaching professionals, course management systems, videoconferencing, webcasts
6. Use and apply word processing, database, presentation and spreadsheet programs relating to teacher administration and the curriculum of elementary and middle schools.
7. Describe multimedia-learning options.
8. Review and apply criteria to evaluate and select blogs, wikis, Web sites, educational software.
9. Practice strategies for continuous updating of computer literacy for teachers and students.
10. Design and produce appropriate technology supported instruction.
11. Practice ergonomics and proper care of computers and peripherals.
12. Design and maintain your own professionally appropriate website.

EDU 2022 course purposes and topics as well as the laboratory setting assume that students will make discoveries, **teach each other**, and share knowledge and skills to increase the quality and quantity of class learning, and to better meet the challenge of rapidly developing technology.

**Learning Model: Information Processing**
This model emphasizes ways of enhancing students’ initiatives and drive to make sense of the world by acquiring and organizing data, sensing problems and generating solutions to them, and developing concepts and language for conveying them. Joyce, B., Weil, M. (1996), *Models of Teaching*, 5th ed., Allyn and Bacon, Boston, MA.,

**Course Assumptions:**
1. Continuous upgrading and practice of personal skills with various computers available at EIU.
2. Continuous thinking of personal and professional applications for technology.
3. Timely completion of assignments.
4. Perfect attendance.
5. Significant communications with class members and professor electronically and in class discussion.
6. Diligent use of textbooks.
7. Knowledge and responsibility for the contents of the NCATE course syllabus.

**Dispositions:** Candidates in the Department of EC/ELE/MLE will exhibit professional ethical practices, effective communication, sensitivity to diversity, the attitudes and abilities to provide varied teaching practices evidenced in a supportive and encouraging environment. CEPS Committee on Dispositions, Fall, 2007

**Course requirements and demonstrated competencies are aligned with the following standards:**
- Illinois Professional Teaching Standards (IPTS) http://www.isbe.state.il.us/profprep/PDFs/ipts.pdf
- Technology Standards for all Illinois Teachers (ICTS) http://www.isbe.net/profprep/CASCDvr/pdfs/24120_coretechnology.pdf

SPA Standards Alignment (Special Professional Association Standards) based on ACEI (Association for Childhood Education International) program standards for elementary teacher preparation
Grading Scale

A = 92%-100% / B = 84%-91% / C = 75%-83% / D = 65%-74% / F = Below 65%

** EDU 2022 is a class where you learn by doing. Completion of assignments does not guarantee an “A” in the course. There are some assignments in which you will not be able to make up if absent.

Class Participation:
**Attendance is required.** Attendance will be taken for each class meeting. If you arrive late it is your responsibility to notify the instructor at the end of class so that you won’t be counted absent. **5 Points will be deducted for each absence.** Excused absences are subject to verification by the instructor (example: Doctor’s excuse). **1 point will be deducted each time you are tardy.** We will be using specialized software that may only be available to you in the lab. If you miss an assignment due to an absence or due to tardiness, it is your responsibility to complete the assignment by the next class meeting. I will not be able to assist you at the beginning of class with make-up work. **Late work will NOT be accepted! Assignments must be turned in when they are due.**

Academic Support
If a student has a documented disability and wishes to receive academic accommodations, he/she must contact the Coordinator of the Office of Disability Services (217) 581-6583 and the course instructor as soon as possible.

Student Conduct Code (Academic Integrity)
Students are responsible for reading and adhering to the Student Conduct Code. Eastern students are expected to observe the highest principles of academic integrity and support a campus environment conducive to scholarship. Violations of this standard include, but are not limited to, conduct in subversion of academic standards, such as cheating on examinations, plagiarism, collusion, misrepresentation or falsification of data; and submitting work previously presented in another course unless specifically permitted by the instructor.

**No audio or video recorders will be allowed in class unless there is a requisition from the Office of Disabilities to do so.** Class discussions and class activities require attendance and meaningful participation. The emphasis will be on the quality of the student's contributions. Participation can occur ONLY if the student is present in class; therefore, attendance is important. Getting notes from a classmate does not substitute for the student's presence in class. In cases of emergency when an absence is unavoidable, the student should notify the instructor in advance if possible of the class meeting to be missed. Attendance will be rewarded by receiving points for each full class attended.
Cell Phones:
Cell phones must be put on silent mode and calls returned during break time or after class. No texting allowed during class time also no picture taking allowed. Always be courteous and considerate of others when taking or making cell phone calls and using other electronic devices.

Web site for the textbook that we are using:
http://www.scsite.com/tdc4/

Web site for assistance with APA questions:
http://www.bellevue.edu/resources/faq_apa.asp#28

Nets Standards for Teachers/ISTE National Technology Project:
http://enets.iste.org/index.html

Course Assignments and Grading:

- Attendance & Participation (50 points)
- Video Responses 3 total (10 pts. each)
- Copyright/Intellectual Property Rights (25 points)
- Word Processing (Resume/Cover Letter) (25 points)
- Spreadsheets (25 points)
- PowerPoint (25 points)
- Databases (25 points)
- School Flyer/Newsletter (25 points)
- Smart Board Project (25 points)
- Evaluation Project (25 points)
- Internet Safety / Social, Legal, and Ethical Issues (20 points)
- MidTerm (25 points)
- Digital Photography (25 points)
- Web Page Development (25 points)
- Inspiration Concept Mapping Assignment (25 points)
- Assistive/Adaptive Technology Assignment (25 points)
- Multimedia Digital Video/Movie project (25 points)
- Technology Research Review (25 points)
- Final Exam (25 points)
- Total Points = 500
References

Books:


Websites:

EDUCAUSE http://www.educause.edu

ISTE http://www.iste.org

Thinkfinity http://www.thinkfinity.com


WebQuest.org  http://webquest.org