Course Number and Title: ITEC 2360-02 Computer Instruction for Teachers

Semester/Year: Summer, 2006

Lecture hours: 3 Credit hours: 3
Class Time: Monday-Thursday 1:00-4:00 p.m.

Instructor’s Name: Michael J. Weiss
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Course Description: A course is designed to equip students with the skills, information and insights necessary for successful integration of computer based technologies in classroom teaching. The students will become knowledgeable in word processing, The Internet, databases, spreadsheets, multimedia and course specific software.

Statement of Prerequisites: Students should have minimal computer skills

General Objectives: This course is designed to provide a general overview of the different types of technologies and how they can be used to enhance student achievement. The course is intended for prospective teachers and teacher assistants who want to know when and how to use the various technologies available in our schools.

Specific Objectives: Upon completion of this course, students should be able to:

1. Discuss the use and misuse of technology in the classroom.
2. Determine when and what type of technology to use with students.
3. Use a word processor for writing assignments and presentations.
4. Know when and how to use the Internet in the classroom.
5. Use multimedia software to make multimedia presentations.
6. Be familiar with other computer programs such data bases, spreadsheets, grade books, educational programs, etc. and their uses in the classroom.

Methodology: Classes will consist of lecture by the instructor and selected speakers, small group collaborative work along with class discussion and work on computers using various programs.
Grading: All papers and projects will be evaluated holistically, with attention given to correct grammatical form, spelling, sentence structure, organization, format, and quality of expression, as well as knowledge of material. Please type or complete final draft in ink.

Course Requirements: Weiss

Each student will be expected to:

1. Participate in class discussions, small groups, and attend class.
2. Read the handouts.
3. Turn in all assignments on the due date.
4. Complete a critique of recent periodical literature.
5. Prepare an internet based assignment on a curriculum topic.
6. Find or develop a lesson plan and determine what technologies you would use to implement it.
7. Prepare and present a presentation using iMovie.

Evaluation Criteria: Evaluation of students will be based on the following:

There will be 300 points distributed as follows:
50 - class participation, group activities (no make-up)
50 - critique of recent periodical literature
50 - internet based curriculum assignment
50 - final test
100 - final project.

Attendance is required. Grade will be lowered one letter grade for each two days missed.

Grades:
90-100% = A
80-90% = B
70-80% = C
60-70% = D
below 60% = F

Required Text, Readings, Material Several handouts.

Tentative Schedule of Assignments
Introduction, discuss “What is Technology?” Demonstrate how to find pictures on the internet and save them. Discuss uses in the classroom for low tech items such as chalkboards, Dry Erase boards and overhead projectors. Assign article critique.
Using the Internet, finding pictures on the internet, Introductions to iPhoto and Photo shop. Using blogs and podcasts in the classroom.

Introduction to iTunes. Do Podcasts

Introduction to iMovie

Group iMovies.

Discuss prerequisite computer skills (keyboarding), what students need to know before using a computer, discuss critiques.

Using the internet

Discuss lesson plan assignment.

Using technology with special needs children

   Grade book programs and other teacher productivity software

   Webquests

   Lesson plan assignment due, discussion with class about assignments

Survey of educational software

   Finish projects and burn DVDs

   Share final projects with class, discuss the future of educational technology

Last Date to Change to Audit Status or Withdraw with a W Grade: see college bulletin

Student Rights and Responsibilities:
Please refer to the Casper College Student Conduct and Judicial Code for information concerning your rights and responsibilities as a Casper College Student or participant in the Project Readiness for Paraeducators.

Notice of Background Check: All education students are subject to background checks and finger printing for selected educational coursework involving student contact and future employment as professionals in education and related fields.

Chain of Command: If you have any problems with this class, you should first contact the instructor in order to solve the problem. If you are not satisfied with the solution offered by the instructor, you should then take your problem through the appropriate chain of command starting with the department head, and lastly the vice president for academic affairs.
Academic Dishonesty - Cheating and Plagiarism: Casper College demands intellectual honesty. Proven plagiarism or any form of dishonesty associated with the academic process can result in the offender failing the course in which the offense was committed or expulsion from school. See the Casper College Student Code of Conduct. Class Policies: All assignments are due as assigned. Special circumstances can be addressed individually. Late assignments are not accepted. Discussion and participation are expected. Respect and tolerance for the ideas of others is also expected.

ADA Accommodations Policy: It is the policy of Casper College to provide appropriate accommodations to any student with a documented disability. If you have a need for accommodation in this course, please make an appointment to see me at your earliest convenience or contact:
Student Services Office
AD 112
268-2201