

Computers in Education, ED 201

Semester/Year: Fall Semester 2017

Course and Section: Computers in Education, ED 201

Prerequisites: None

Instructor Information: Keith Herman, Class 4:30-7:30, Wednesday

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SGU Course Catalog Description: Designed to provide opportunities for the development of skills and strategies needed to integrate computer technology into the curriculum throughout disciplines and all grades. Provides a thorough understanding of how to use the word processor, database, and spreadsheet for personal and classroom use. Develops competencies in using computers for lesson planning and record keeping, as well as methods to teach students to use technology for problem-solving, assessing and analyzing information, and creative and expository writing. This is a 3-hour course.

Required Texts: Enhancing the Art and Science of Teaching with Technology, Sonny Magana and Robert J. Marzano, ISBN 978-0-9858902-4-7

Course Materials: Students may have to access computers at home or at LBCC to complete assignments or assigned projects.

Disability Statement: LBCC strives to assist all students with disabilities that may impact their learning. Please consult with your instructor or academic advisor if you have any special needs. This information is in the SGU catalog for reference.

Course Objectives/Outcomes: The purpose of this course is to present the many ways that computer technology can aid in teaching and presenting materials to students. It explores the required and voluntary use of technology in the classroom, and it presents challenges and opportunities for teachers, as well. The successful student will present a lesson utilizing one or more pieces of technology.

Assessment/Evaluation/Grading Policy: You are responsible for attending class, completing all assignments, reading all assigned text material, and participating in class discussions and other in-class activities. Attendance is expected and attendance records will be kept. Students missing 12 consecutive hours or 20 hours of total class time will be dropped from the course by the instructor. If you miss class for work or emergency issues, you must make arrangements with the instructor. You will be assessed 10 points for each class attended, and that grade will be averaged into your final grade. This syllabus will include a listing of class dates, material to be read before each class, and questions to be answered. Answers to weekly questions should be completed in a Word Document and submitted as an attachment to an email to the instructor. A

rubric will be given to each student on week 2 for these written responses. There will also be a list of projects that should be done as directed and submitted on or before the date noted. Each assignment or project will be worth 100 points to you if it is created and submitted as directed. An average of all your projects, assignments, and final test, along with 10 points for each class attended will be your final grade for this class.

Grading Scale

A: 90-100%

B: 80-89%

C: 70-79%

D: 60-69%

F: Below 60%

Cell Phone Policy: Cell phone usage can disrupt the learning process. All cell phones should be turned off and put away during class time. You may check your messages and/or make necessary phone calls during class breaks or after class is over.

Course Outline:

August 30-Get Acquainted Time. Review the Syllabus, Answer Questions, Discuss First Assignment: One-page paper about student experiences with technology and their basic philosophy about technology and education. (Paper should be double spaced, 12 Font Size with Times New Roman Style Font.)

September 6-Chapter 1, Research and Theory, Start looking for software or computerized educational material to review.

September 13-Chapter 2, Communicating Learning Goals, Tracking Student Progress, and Celebrating Success, Answer Chapter 2 comprehension questions. Continue review.

September 20-Chapter 3, Establishing Classroom Rules and Procedures, Answer Chapter 3 comprehension questions. Continue review.

September 27-Chapter 4-Interacting with New Knowledge, Answer Chapter 4 comprehension questions. Continue review.

October 4-Chapter 5, Practicing and Deepening Knowledge, Answer Chapter 5 comprehension questions. Continue review.

October 11-Student presentations about software, technological classroom “toys”, or computerized educational programs for teaching or managing student data.

October 18-Chapter 6, Generating and Testing Hypotheses, Answer Chapter 6 comprehension questions. Start preparing for student lessons incorporating one or more pieces of technology.

October 25-Chapter 7, Engaging Students, Answer Chapter 7 comprehension questions. Continue lesson preparation.

November 1-Chapter 8, Recognizing Levels of Adherence to Rules and Procedures, Answer Chapter 8 comprehension questions. Continue lesson preparation.

November 8-Chapter 9, Maintaining Effective Relationships with Students, Answer Chapter 9 comprehension questions. Continue lesson preparation.

November 15-Chapter 10, Communicating High Expectations, Answer Chapter 10 comprehension questions. Continue lesson preparation.

November 22-Thanksgiving Wednesday (Reschedule to another date and time) Read Handout and Answer Questions assigned. Continue lesson preparation.

November 29-Student lesson presentations. Self-evaluation and peer evaluation (constructive criticism) of lessons.

December 6-Final. Please be here.

Disclaimer: This syllabus is subject to change at the instructor's or LBCC leadership's discretion.