

Technology for Educators

EDU 582 (3 credits)

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Office Hours: By appointment

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Course Description:

This online course is designed to provide current and prospective teachers with informational technology competencies necessary for high quality instruction of elementary, middle, and secondary school students. Students will gain skills in developing their students' IT competencies and using technology as a teaching tool. This is not an introductory computer skills course. You are expected to have previous experience with technology. This is to provide you with current programs and ideas to use in your classroom instruction.

Course Objectives:

As a result of participating in this course, the student will:

- Use technology to make interactive video and audio products for use in future classrooms.
- Know how to access and use basic Web 2.0 tools.
 - Utilize websites that allow for the construction of an interactive online learning community.
- Identify web resources useful in teaching a specific discipline.
- Effectively evaluate web sources.
 - Develop a digital portfolio of work for future access or use during a job interview.
 - Seamlessly integrate technology into lesson plans in a way that compliments learning and is non-intrusive.

Course Text: Required

Rethinking Education in the Age of Technology: The Digital Revolution and Schooling in America - Second Edition. By Allan Collins and Richard Halverson. ISBN: 9780807759066

Additional Course Information:

Late Submission of Assignments: Assignments are to be submitted on the due date to receive full credit for the work. Late assignments will have an effect on the grade for the assignment.

Assignments that are 1 day late will have a penalty of 10%. Assignments that are more than one day late will not be accepted, barring extenuating circumstances. If you are having difficulty completing an assignment, please contact me well before it is due.

Honor Philosophy: The formal honor philosophy adopted by Cedar Crest College as outlined in the college course catalogue and student handbook is strictly followed in this class. Appropriate classroom behavior, the generation of original work, proper citation of sources consulted and used, and the creation and maintenance of a courteous, respectful classroom environment and a classroom free from distractions is implicit in the CCC honor philosophy. The Cedar Crest College Student Guide includes the following under Honor Philosophy, Community Standards for Academic Conduct, Classroom Protocol:

Plagiarism: Plagiarism is regarded as a failure to comply with the college honor code. If it is determined that a student has used the work of another person and has not cited that person in APA style as the source of the idea(s), a grade of "0" will be earned for that paper.

Students with Disabilities: Students with disabilities who wish to request accommodations should contact the Advising Center.

Course Communication: Please correspond with me via your Cedar Crest College email account. I am prohibited from contacting you via email using any other format or responding to an email that you send to me from any accounts other than your CCC account.

Final Grade Scale:

100-94% A

93-90% A⁻

89-87% B⁺

86-84% B

83-80% B⁻

79-77% C⁺

76-74% C

73-70% C⁻

69-67% D⁺

66-63% D

Below 63% F

Only assignment titles appear on the syllabus, while full details are available on the course website. Please be sure to check Canvas for specific due dates and assignment details.

Week 1: Assignments

- Introduction Discussion Board
- Chapter 1 Discussion Board
- Chapter 2 Discussion Board
- Journal Article Summary

Week 2: Assignments

- Journal Article Discussion Board
- Chapter 3 Discussion Board
- Chapter 4 Discussion Board
- Content Based Instructional Video

Week 3: Assignments

- Chapter 5 Discussion Board
- Instructional Video Discussion Board
- Chapters 1-5 Summary and Analysis Paper

Week 4: Assignments

- Chapter 6 Discussion Board
- Chapter 7 Discussion Board
- Web Quest Assignment
- Digital Formative Assessments Discussion Board

Week 5: Assignments

- Technology Integrated Lesson Plan
- Chapter 8 Discussion Board
- Chapter 9 Discussion Board

Week 6: Assignments

- Chapter 10 Discussion Board
- Lesson Plan Discussion Board
- Chapters 6-10 Summary and Analysis Paper