

EDU 241: Educational Technology
Spring 2011 Final Exam

Please answer **TWO** the following four essay questions following these guidelines:

- You may **not** consult with another student while working on the final exam
- You are free to use any other resource (class notes, internet, etc)
- Each response should be approximately 2-3 pages (approximately 5 pages in total). Please type each response (size 12 font, Times New Roman, double space).
- The final exam is due in my office on **Saturday, May 21st** between **10:30 am and 12:30 pm**. I will **not** accept electronic copies of the final exam and I will **not** accept final exams turned in after 12:30 pm on Saturday, May 21st.
- You may turn in the final exam before the due date. If you do so, make sure that you give me the final exam **in person** and **not** electronically. I will **not** accept electronic copies of the exam.
- This exam is linked to my website (“Assignments”)

Essay Question #1: Evaluate a lesson plan

Overview:

As we discussed in class, technology is a tool and the value of any tool is derived from how it is used within a particular context. This essay question focuses on evaluating the use of technology within the context of a lesson plan.

Format for Response:

- (1) Identify one lesson plan from your content area/concentration. Please see the below list for resources on lesson plans. You can certainly use other websites or speak with teachers to obtain lesson plans.
- (2) Briefly describe the lesson plan.
- (3) Identify the extent to which the lesson plan integrates technology.
- (4) Provide one suggestion for improving the lesson plan to better facilitate learning
- (5) Provide one suggestion for integrating technology so that the lesson plan better facilitates learning
- (6) **Please print the lesson plan and attach it to your final**

Social Studies:

<http://www.csun.edu/~hcedu013/plans.html>

Art:

<http://www.princetonol.com/groups/iad/lessons/lessons.html>

Music:

<http://www.lessonplanspage.com/Music.htm>

Math:

<http://www.lessonplanspage.com/Math.htm>

http://www.teach-nology.com/teachers/lesson_plans/math/

Science:

<http://www.lessonplanspage.com/ScienceK1.htm>

<http://www.eduref.org/cgi-bin/lessons.cgi/Science>

Communication Arts/Literature/Language Arts:

<http://www.lessonplanspage.com/LA.htm>

http://www.teach-nology.com/teachers/lesson_plans/language_arts/

Foreign Language:

http://www.eduref.org/cgi-bin/lessons.cgi/Foreign_Language

Physical Education:

<http://www.pecentral.org/lessonideas/pelessonplans.html>

<http://members.tripod.com/~pazz/lesson.html>

Health:

http://www.teach-nology.com/teachers/lesson_plans/health/

Essay Question #2: Resourcefulness and technology

Overview:

A hallmark of exemplary teachers is resourcefulness. In the context of teaching, resourcefulness refers to a teacher's ability to use the means at his/her disposal to meet the needs of his/her students. Resourceful teachers, for example, take the initiative and identify technology that can be effectively and efficiently integrated into the classroom.

Format:

- (1) Identify one "piece of technology" that we have **not** directly discussed this semester. For example, Garageband and Smartboard would **not** be acceptable choices for this essay question. There are a number of resources for this question. First, the textbook for this course includes a myriad of additional resources. You can also speak with a teacher and/or professor. **Make sure this piece of technology could be used within your specific content area/concentration.**
- (2) Briefly describe this "piece of technology." This description needs to include an overview that adequately describes the "piece of technology" as well as a description of how it could be used while teaching your specific content area/concentration.

Essay Question #3: Theoretical approaches to learning with powerpoint

Overview:

It is your first year of teaching and a colleague approaches you with a question regarding educational technology. Your colleague looks frustrated, "I just don't get it. I use powerpoints in my classroom. My students say they want technology, but they just seemed bored when I use powerpoint. They don't seem to be learning anything! What do you think? How can I use powerpoints to help my students learn?"

Format for Response:

- (1) Identify **three reasons** why your colleague's students may have difficulty learning with powerpoints. Make sure to provide specific suggestions that would help your colleague use powerpoints to better facilitate learning. Your answer must reflect theoretical approaches to learning with powerpoints.

Essay Question #4: Technology in the context of standards

Overview:

National Educational Technology Standards has created a set of national standards to be used as guidelines for educators in helping students improve media/information literacy. As a future educator, it is your responsibility to create learning environments that meet these standards.

Format for Response:

- (1) Go to this web site:
http://www.iste.org/Content/NavigationMenu/NETS/ForStudents/2007Standards/NETS_for_Students_2007.htm
- (2) Choose **two** of the six standards and briefly describe each one.
- (3) Identify a specific technology environment/software program/etc that would support a teacher in meeting **each** standard. This environment/software program/etc may be one we discussed in class (i.e. WebQuest, Smartboard, Second Life, powerpoint, ePals, etc). Or, you may choose to identify another environment/software program/etc.