EST 570 Educational Technology Lesson Development
Dr. Lori L. Scarlatos
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Office Hours: W 10:30am - noon, Th 11:30am - 1pm, or by appointment
Meeting Times: class meets once a week for 3 hours over 14 weeks

Prerequisites: none
Credits: 3

Course Description
In this course students will learn principles of instructional design and how to fully integrate technology into daily curriculum. Throughout the course students will plan, develop and evaluate a lesson plan that demonstrates an expertise in the integration of educational technology. Students will apply the skills, techniques, resources and research necessary to effectively create an educational technology inspired lesson plan. The lesson plan may include the use of emerging technologies, distance learning, multimedia projects, collaborative environments, computer applications and Internet resources. The culminating project for this course is the completion of a lesson plan in a specific content area that incorporates multiple modalities of technology into pedagogical practices.

Learning Objectives:
At the conclusion of this course, students will be able to ...

- Evaluate existing courseware.
- Specify appropriate technologies and design individual courseware modules for a given audience/discipline.
- Apply appropriate learning strategies and learning standards in their courseware.
- Use a variety of tools to develop their own courseware.

Assignments:
Assignments are designed to build cumulatively to a term project. Each assignment is worth 5% for a total of 40% of the final grade.

1. Project proposal: define the subject being taught, the audience, and learning objectives
2. Unit outline: create a diagram showing the flow of topics in the learning unit
3. Unit homepage: create a website for accessing the unit materials
4. Absorb activity: for one of the topics, create and publish materials explaining the topic
5. Do activity: create an activity that reinforces the lessons taught by the absorb activity
6. Reflect activity: design an activity that gives learners an opportunity to reflect on what they have learned
7. Assessment: create a means for assessing learning of the topic
8. Presentation: present your unit, and specific topic, to the class, and be sure to explain how this fits into the larger context of a course

Grading Criteria:
- **Participation - 15%**
  This will include attendance, participation in class discussions of readings, and in-class assignments.

- **Term Project - 55%**
  40% of the final course grade is based on the homework assignments (above). An additional 15% will be graded on 1) appropriateness of the activities for the audience, 2) clarity and accuracy, 3) aesthetics, and 4) originality.

- **Final Exam - 30%**
  You will be given a take-home final exam on the last day of class (week 14). You must hand in the exam one week later.

Total 100%

The following grading scale applies:

- 93-100 (A)
- 90-92 (A-)
- 87-89 (B+)
- 83-86 (B)
- 80-82 (B-)
- 77-79 (C+)
- 73-76 (C)
- 70-72 (C-)
- < 70 (F)

**Bibliographic Resources:**


**SBU Policies and Advisories:**

**Student Accessibility Support Center:** If you have a physical, psychological, medical, or learning disability that may impact your course work, please contact the Student Accessibility Support Center, 128 ECC Building, (631) 632-6748, or at sasc@Stonybrook.edu. They will determine with you what accommodations are necessary and appropriate. All information and documentation is confidential.

**Academic Integrity:** Each student must pursue his or her academic goals honestly and be personally accountable for all submitted work. Representing another person's work as your own is always wrong. Faculty is required to report any suspected instances of academic dishonesty to the Academic Judiciary. Faculty in the Health Sciences Center (School of Health Technology & Management, Nursing, Social Welfare, Dental Medicine) and School of Medicine are required to follow their school-specific procedures. For more comprehensive information on academic
integrity, including categories of academic dishonesty please refer to the academic judiciary website at http://www.stonybrook.edu/commcms/academic_integrity/index.html

**Critical Incident Management:** Stony Brook University expects students to respect the rights, privileges, and property of other people. Faculty are required to report to the Office of Student Conduct and Community Standards any disruptive behavior that interrupts their ability to teach, compromises the safety of the learning environment, or inhibits students' ability to learn. Until/unless the latest COVID guidance is explicitly amended by SBU, during Spring 2022 "disruptive behavior" will include refusal to wear a mask during classes. For the latest COVID guidance, please refer to: https://www.stonybrook.edu/commcms/strongertogether/latest.php