

EST 570 Educational Technology Lesson Development

Instructor:	Tatiana Tchoubar
Time:	Tue 6:30 - 9 pm
Location:	Online via web conference or f2f
Office Hours:	by appointment
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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.

Course Objectives

At the conclusion of the course, students will be able to ...

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

Textbooks

E-Learning by Design, 2nd edition, W. Horton, Pfeiffer, 2011, ISBN: 978-0470900024.

Online, one can rent the book, or buy a Kindle edition. In the Google books, you can find the 1st part of Ch.1, the end of Ch.2 and nearly all the Ch.3. At horton.com/eld/ examples from the book can be checked, and Ch. 12, 13, and 14 downloaded in format .pdf

Additional reading: *How Learning Works*, Ambrose S. et al, 2010, Jossey-Bass

These may be found in the Course Materials section of the [Blackboard](#) site for the course.

Blackboard help: <http://it.stonybrook.edu/services/blackboard>

Course Structure

This course is conducted entirely online, which means you do not have to be on campus to complete any portion of it. You will participate in the course using [SBU Blackboard](https://it.stonybrook.edu/services/blackboard) located at <https://it.stonybrook.edu/services/blackboard>

Each week, the course includes

- 1 - 2 hours of pre-session online instructional work and reading
- 2 hours synchronous class session (via web conferencing) or on-campus class
- 1 hour homework

Course Materials: personal computer.

Course Requirements

Your grade will be based on the following criteria:

- Participation in SBConnect Lectures– up to 30 points
This will include attendance to the web conferencing meetings, and completing of readings. It will also include doing the in-class assignments, which are meant to reinforce concepts and provide practice with skills learned in class. Each online meeting – 2 points max.
- Assignments – up to 30 points
See the Bb Assignments for further details. Each assignment – 3 points max.
- Term Project – up to 30 points
Over the course of the semester, you will develop an e-learning topic situated within a lesson.
- Online Blackboard Discussions - up to 10 points (see description in this Syllabus).

Advisories

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. Any suspected instance of academic dishonesty will be reported to the Academic Judiciary. For more comprehensive information on academic integrity, including categories of academic dishonesty, please refer to the academic judiciary website at <http://www.stonybrook.edu/uaa/academicjudiciary/>.

The University at Stony Brook expects students to maintain standards of personal integrity that are in harmony with the educational goals of the institution; to observe national, state, and local laws and University regulations; and to respect the rights, privileges, and property of other people. Faculty is required to report disruptive behavior that interrupts faculty's ability to teach, the safety of the learning environment, and/or students' ability to learn to Judicial Affairs.

Homework Assignments. Weekly (or bi-weekly) written Assignment must be submitted via Blackboard by 11:59 pm on Tuesday (1 – 2 pages). Late assignments may be turned up to

one week late (i.e., 11:59 pm on Tuesday the week after the assignment was due) with a .5 point penalty. No assignments will be accepted more than one week late.

Blackboard timestamps submissions. HW should be saved as a .pdf file or a hyperlink. For each assignment, please use the following naming convention: LastName_Assignment#. **No hardcopies of assignments will be accepted.** Do not email me assignments without my permission. You can post your assignments by clicking on the “assignment” tab under the course, and clicking the appropriate assignment. Please make sure you submit your assignment with plenty of time, so that you have time to resolve any technical issues BEFORE your assignment is considered late.

Synchronous Lecture Session participation is required every Tuesday from 6:30 to 9pm via web conferencing software, SBConnect, that can be found in the Blackboard class, left hand side vertical bar menu. SBConnect [video tutorial](#). [Adobe Connect Essential Training in Lynda.com via SBU](#).

Online Blackboard Discussions on assigned textbook readings (closed by 11:59pm on Saturday):

You will be expected to “actively” participate in all group discussions and you must be “present” within Blackboard to receive full credit for Blackboard participation. Active participation means providing meaningful expression and well thought out answers to the discussion thread questions. A short answer like “I agree or disagree” does not constitute meaningful dialogue and will not be counted toward your participation grade. Participation means posting an answer to each of the discussion questions and responding to other students’ postings.

You will be expected to work collaboratively with classmates, argue and debate key issues in group discussions, and use students as well as instructors as learning resources.

If you need help, use the [online tutorial for Blackboard Discussions](#) or ask your instructor ☺

Learning Time Rubric

Learning Time Element	Asynchronous* / Synchronous**	Time on Task for Students (weekly estimate)	Notes
Lecture	Asynchronous	1.5 hours	Interactive module format. It may take some students longer to complete. Expect low-stakes quiz questions throughout module.
Weekly online discussion	Asynchronous	1 hour	Students are expected to post initial response to weekly topic questions.
Weekly webinar session	Synchronous	1 hour	We will have a weekly webinar session to review materials and answer questions. Attendance is required.
Assessment (homework)	Asynchronous	1 hour	Students will prepare a bi-weekly assignment and submit it in the Blackboard Assignments.

*Asynchronous learning is defined as any non-real time student learning, such as recorded lecture, podcast, interactive module, articles, websites, etc. This also includes any student-to-student or faculty-to-student communication that may happen with an asynchronous tool, such as discussion board, chatroom, e-mail, text, etc.
 **Synchronous learning is defined as any real-time student-to-student and/or faculty-to-student learning, such as a live webinar session or other video/audio communication service.

COMPUTING YOUR GRADE

To compute your final course grade, sum up all points earned. For example, if you participated in 14 web conferencing meetings (28 points), submitted 10 assignments with grades 3, 2, 2, 2, 3, 2, 2, 3, 2, 3 (24 points), made a term project presentation with grade 26 and your answers in online discussions were graded 9, then your total is 87.0 or “B+.” Your final letter grade will be based on the following grading scale:

Letter Grade = Score	Letter Grade = Score
A = 93-100	C = 73-76.999
A- = 90-92.999	C- = 70-72.999
B+ = 87-89.999	D+ = 67-69.999
B = 83-86.999	D = 60-66.999
B- = 80-82.999	F = < 60
C+ = 77-79.999	

* **PLEASE NOTE:** To be fair to everyone, we need to use these exact cutoffs. Under no circumstances can we change the grade of any one particular student.

Course Communication

Announcements

Announcement reminders will be posted on SBU Blackboard. You can locate all class announcements under the *Announcements* tab of our class. Be sure to check the class announcements regularly as they will contain important information about class assignments and other class matters.

Email

If you need to contact me directly, please email me at tatiana.tchoubar@stonybrook.edu. You can expect a response within 48 hours.

For any technical questions regarding Blackboard, please check the [BB Help page](https://it.stonybrook.edu/help) <https://it.stonybrook.edu/help>

Netiquette

When participating in an online class it is important to interact with your peers in an appropriate manner. Always use professional language (no netspeak) in your discussion board posts and emails. Please be respectful of your classmates at all times even if you disagree with their ideas.

Interaction Policy

You are required to be an active online learner in this course and expected to participate in the **weekly online instruction** including readings, synchronous class sessions, asynchronous discussions, and assignments.

Participation is paramount to your success in this course. Be sure to log into SBU Blackboard multiple times a week, read all announcements, complete all online instruction and assignments on time.

Topics

Classes are divided into two parts: theoretical and practical. Readings are to be discussed on the day listed, and are found in Horton's *E-Learning by Design*. Assignments are due on the date listed. Please note that this schedule is approximate, and subject to change.

Date	Theoretical	Practical	Readings Done	Assignment Due
1/23/18	Introduction. Presentations.	Learning games		
1/30/18	Instructional design & web design	Your blog/web site/e-portfolio home page	Ch. 1	HW #1
2/6/18	Lessons	Online discussions	Ch. 12	
2/13/18	Topics	Tutorials : examples	Ch. 6	HW #2
2/20/18	Absorb-type activities	Learning objects' evaluation	Ch. 2	HW #3
2/27/18	Do-type activities	Collaboration tools	Ch. 3	HW #4
3/6/18	Connect-type activities	Multimedia explanations	Ch. 4	
3/13/18	<i>No class meeting (Spring Break)</i>			
3/20/18	Visual display	LMS, HTML5 basics	Ch.14	HW #5
3/27/18	Strategic decisions	eLearning editing software	Ch. 13	HW #6
4/3/18	Games& simulations	Virtual worlds	Ch. 7	HW #7
4/10/18	Social learning	Social networking	Ch. 8	
4/17/18	Mobile learning	Mobile design, providers, OS	Ch. 9	HW #8
4/24/18	Tests, virtual class	Assessment tools	Ch. 5, 10	HW #9
5/01/18	Final Presentations of the Term Project			
5/08/18	Term Project due			