Sam Houston State University

Department of Computer Science

CSTE 5336: Educational Multimedia
Syllabus
Spring 2018

General Information
Instructor: Dr. Lori Aden
Email: exl_laa@shsu.edu
Course Title: Educational Multimedia

Office Hours
I am available online most evenings during this semester. I can be reached via email and will respond within 24 hours.

Course Description
This course explores the uses of multimedia in the classroom and extends the teacher's skill base in the development of appropriate multimedia examples to support and enhance the middle school, high school curricula, and other training settings. Throughout the course students will gain experience in still and motion digital editing, audio and animation production. This course may not be counted toward the M.S. in Computer and Information Science, Information Assurance and Security or Digital Forensics. Prerequisite: Graduate standing. Credit 3.

Course Objectives
Based on the Individual Development & Educational Assessment (IDEA), at the end of this course the ideal student should be able to present the following objectives:

- Effectively use multimedia tools to create innovate educational content.
- Produce finished educational multimedia content that can be distributed through a variety of media.
- Develop specific skills, competencies, and points of view needed by professionals in the fields of design, development, and implementation.
- Learn how to find and use resources for answering questions or solving problems of the multimedia tools.

Learning Objectives	Performance Assessment	ISTE Technology Coach Standards
Implement strategies for initiating and sustaining technology innovations and manage the change process in schools and classrooms.	PBL Projects	1d
Coach teachers in and model design and implementation of technology-enhanced learning experiences using a variety of research-based, learner-centered instructional strategies and assessment tools to address the diverse needs and interests of all students	Weekly Discussion PBL Projects	2b
Coach teachers in and model design and implementation of technology-enhanced learning experiences emphasizing creativity, higher-order thinking skills and processes, and mental habits of mind (e.g., critical thinking, meta-cognition,	Peer Review Discussion	2d

and self regulation)		
Coach teachers in and model design and implementation of technology-enhanced learning experiences using differentiation, including adjusting content, process, product, and learning environment based upon student readiness levels, learning styles, interests, and personal goals	PBL Projects Peer Reviews	2e
Coach teachers in and model incorporation of research- based best practices in instructional design when planning technology-enhanced learning experiences	Weekly Discussion	2f
Model effective classroom management and collaborative learning strategies to maximize teacher and student use of digital tools and resources and access to technology-rich learning environments	PBL Projects	3a
Maintain and manage a variety of digital tools and resources for teacher and student use in technology-rich learning environments	PBL Projects	3b
Coach teachers in and model use of online and blended learning, digital content, and collaborative learning networks to support and extend student learning as well as expand opportunities and choices for online professional development for teachers and administrators	Discussion Peer Reviews	3c
Select, evaluate, and facilitate the use of adaptive and assistive technologies to support student learning	PBL Projects	3d
Troubleshoot basic software, hardware, and connectivity problems common in digital learning environments	PBL Projects	3e
Design, develop, and implement technology-rich professional learning programs that model principles of adult learning and promote digital-age best practices in teaching, learning, and assessment	PBL Projects	4b
Model and promote strategies for achieving equitable access to digital tools and resources and technology-related best practices for all students and teachers	PBL Projects	5a
Engage in continuous learning to deepen professional knowledge, skills, and dispositions in organizational change and leadership, project management, and adult learning to improve professional practice	PBL Projects	6b

Course Textbooks:
No textbooks are required. Online resources will be used for this course.

Course Supplies:
Any computer system platform will be applicable for this course. A Mac operating system OS X Leopard with iLife 08' (or above) or a Window operating system XP (or above) will be fine. Please make sure that you have a network camera and microphone available.

Grading Criteria (Point System)
- Mixed Media - Graphic project: 50 points
- Mixed Media - Audio project: 50 points
- Mixed Media - Video project: 50 points
- Scratch Programming project: 50 points
- Alice Programming project: 50 points
- Mobile App project: 50 points
- Peer Reviews: 180 points
- Project Reflections   60 points
- Article Reflections   60 points
- Semester Reflection Report: 100 points

        Total Points: 700 points

The final letter grade will be assigned based on the following criteria:
      A: 630 and above (90% and above)
      B: 560 – 629 (80 – 89%)
      C: 490 – 559 (70 – 79%)
      D: 420 – 489   (60 – 69%)
      F: Below 419 (Below 60%)

If the required assignment was turned in late after the due date, the student will be penalized a percentage according to the submitted time:
- 10% penalty between 0 – 24 hours
- 20% penalty between 24 – 48 hours
- 100% penalty after 48 hours

If the required assignment was submitted late for <u>the fourth time</u>, the student will receive <u>no points</u> for the fourth and further late assignments.

Attendance Requirements
This course is designed for online format. Student attendance is not required for all class sessions. However, peer review participation is required in each project. Absence from posting peer reviews will result in a reduced points (Please review Grading Criteria). Documented medical related absences are exempt from this policy. Students with documented medical related absences will be expected to initiate the process of completing any make-up work.

Tests
This course is a skills-based course and does not require tests or final exams.

Academic dishonesty
All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.

Americans with Disabilities Act

Students with disabilities covered by the Americans with disabilities Act should go to the Counseling Center and Services for Students with Disabilities (SSD) in a timely manner to obtain the documentation required. Students are responsible for initiating the process of documenting the need for an accommodation under the ADA act.

Religious Observance

University policy allows for students to observe religious holy days without penalty. If you intend to miss an assignment due date as a result of the observance of a religious holy day or as a result of the necessary traveling time required for religious observance, such an absence will not be penalized. As a courtesy, it would be appreciated if you notify the instructor in advance in writing, of the dates and times of class sessions that are to be missed. Students absent from class as a result of religious observance are required to submit any due assignments immediately on their return to the classroom. Makeup tests and quizzes will also be provided on return to the class.

New Q Drop Date

April 6, 2018 is the last day students can drop a course with a "Q".

Academic Probation and Suspension

In order to achieve and remain in academic good standing at Sam Houston State University, a graduate student must maintain an overall grade point average of at least 3.0 on all graduate coursework attempted. A graduate student who falls below a 3.0 overall grade point average at the close of any semester during which one or more semester credit hours are attempted will be placed on probation. If an enrolled student on probation fails to achieve a minimum 3.0 overall grade point average at the close of the next semester or summer school following the starting of the probation, the student will be suspended. A 3.0 overall grade point average is the absolute minimum required for graduation. A student who earns three grades of "C" or one grade of "F" will be terminated from graduate studies.

Students with Disabilities Policy:

It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Students with disabilities that might affect their academic performance should register with the Office of Services for Students with Disabilities located in the Lee Drain Annex (telephone 936-294-3512, TDD 936-294-3786, and e-mail disability@shsu.edu). They should then make arrangements with their individual instructors so that appropriate strategies can be considered and helpful procedures can be developed to ensure that participation and achievement opportunities are not impaired.

SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Services for Students with Disabilities and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. NOTE: No accommodation can be made until you register with the Services for Students with Disabilities. For a complete listing of the university policy, see:
http://www.shsu.edu/dept/disability/