

LINC 76C: CREATING CLOUD-BASED INSTRUCTIONAL PROJECTS

Foothill College Course Outline of Record

Heading	Value
Units:	2
Hours:	2 lecture per week (24 total per quarter)
Advisory:	Basic computer skills and knowledge of Macintosh or Windows operating systems; familiarity using web browsers, email, bookmarking, searching and downloading; not open to students with credit in LINC 202.
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade (Request for Pass/No Pass)
Repeatability:	Not Repeatable

Student Learning Outcomes

- A successful student will define a Web Quest, including history, examples, basic structure, purpose, and target audience.
- A successful student will identify the elements and best instructional practices of a well-constructed Web Quest.
- A successful student will design and develop a Web Quest project for use in the classroom.
- A successful student will implement a Web Quest project.
- Locate, evaluate, and collect resources for creating a WebQuest (NETS II,V) (NBPTS 3)
- Evaluate existing WebQuests (NETS II, IV, V) (NBPTS 1)
- Present an overview of WebQuests including the components (NETS I,II) (NBPTS 1)

Description

Focuses on the strategies and techniques used to design and develop rich, interactive cloud-based resources, for instructional purposes. These cloud-based instructional projects should include student resources and activities which require students to engage with the information and create something new. Participants will analyze and evaluate existing resources for depth of content, level of engagement, curriculum standards, and meaningful learning outcomes through the lens of 21st Century teaching and learning skills. The culminating course project is the design and development of a cloud-based instructional project, which would be used to engage students and others.

Course Objectives

The student will be able to:

- Present an overview of cloud-based instructional projects
- Evaluate existing cloud-based instructional projects

- Locate, evaluate, and collect resources for creating a cloud-based instructional project
- Design a curriculum-based or work-related cloud-based instructional project
- Design a cloud-based instructional project evaluation rubric
- Explain legal requirements with regards to copyright and plagiarism
- Cite Internet resources using proper form

Course Content

- Present an overview of cloud-based instructional projects, including the components
 - Definition
 - Essential components
- Evaluate existing cloud-based instructional projects
 - Criteria for evaluation
 - Compare/contrast
- Locate, evaluate, and collect resources for creating a cloud-based instructional project
 - Theme/topic
 - Virtual tours
- Design a curriculum-based or work-related cloud-based instructional project
 - Writing the Task
 - Writing the Introduction
 - Writing the Process Section
 - Include resource links
- Design a cloud-based instructional project rubric
 - Determine criteria for evaluation
 - Determine levels of quality and scoring for each criterion
 - Construct a rubric
- Explain legal requirements with regards to copyright and plagiarism
 - Copyright and fair use resources
 - Fair use in the classroom
 - Professional responsibility for modeling and teaching copyright
- Properly cite Internet resources
 - Identify the citation formats (e.g., MLA, APA)
- Apply 21st Century skills to teaching and learning
 - Define 21st Century skills
 - Explain applications of 21st Century skills to academic fields and workplace
 - Integrate 21st Century skills in cloud-based instructional project

Lab Content

Not applicable.

Special Facilities and/or Equipment

- When offered on/off campus: Lecture room equipped with overhead projector, white/black board, and a demonstration computer connected online. Computer laboratories equipped with online PCs and Macintosh computers, network server access, and printers.
- When taught via Foothill Global Access on the Internet: Students must have currently existing email accounts/email address and ongoing access computers with email software, web browsing capability, and access to the Internet.

Method(s) of Evaluation

The student will demonstrate proficiency by:

- Developing an integrated student-centered, engaging cloud-based instructional project.
- Presenting the project to peers for feedback.

C. Making constructive contributions to class discussions.

Method(s) of Instruction

During periods of instruction the student will be:

- A. Listening actively to lecture presentations delivered in student-centered learning style by taking notes, following demonstrations, or completing an activity
- B. Participating in facilitated discussions of live presentations, readings or video presentations
- C. Presenting in small group and whole class situations

Representative Text(s) and Other Materials

Horton, Sarah. [Web Teaching Guide: A Practical Approach to Creating Course Web Sites](#). New Haven: Yale UP, 2001. Although this text is older than the suggested "5 years or newer" standard, it remains a seminal text in this area of study. Instructor-assigned notes and materials. When course is taught online: Additional information, notes, handouts, syllabus, assignments, tests, and other relevant course material will be delivered by email and on the World Wide Web, and discussion may be handled with internet communication tools.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

A. Writing assignments include a cloud-based instructional project design plan, peer evaluations, and critical analysis of cloud-based instructional projects, technology tools, online systems. B. Outside assignments include conducting project development, writing the instructional plan, reading, and participating in online peer collaboration activities. C. When taught online these methods may take the form of video, audio, animation and web page presentations. Assignments will be submitted online as well.

Discipline(s)

Instructional Design/Technology