

LINC 67: DESIGNING WEB-BASED LEARNING PROJECTS

Foothill College Course Outline of Record

Heading	Value
Units:	1
Hours:	1 lecture per week (12 total per quarter)
Advisory:	Basic computer skills and knowledge of Macintosh or Windows operating systems; familiarity using web browsers, email, bookmarking, searching and downloading.
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

- Distinguish effective online learning project design
- Identify the characteristics of an effective Webquest or other online projects aligned to Common Core standards
- Design an online project using the Webquest format (or similar)

Description

Creation of online projects that promote inquiry-based student learning and effective use of Web 2.0 tools for research. Participants will generate ideas for projects, like Webquests or virtual tours, and develop their own project with focus and purpose. Participants will align their project with the Common Core State Standards requiring students to synthesize information by completing a challenge task.

Course Objectives

The student will be able to:

- Distinguish effective online learning project design
- Identify the characteristics of an effective Webquest or other online projects aligned to Common Core standards
- Design an online project using the Webquest format (or similar)
- Develop evaluation materials for assessing the project outcomes

Course Content

- Distinguish effective online learning project design
 - Bloom's Taxonomy
 - Higher order thinking skills
 - Lower order thinking skills
 - Characteristics of an effective challenge question and task
 - Quality of resources
- Characteristics of Webquests or other online projects
 - Common Core standards in English Language Arts, Science, and Social Studies
 - Common Core standards in Mathematics
 - Webquests

- Goal definition
 - Task description
 - Process for completing the task
 - Resources used to complete task
 - Rubric for evaluation
 - Conclusion reflection
- Explore and review existing Webquests
- Design an online project using the Webquest format
 - Identify topic area, goal and task for the Webquest project
 - Choose and set up an online tool (Google sites, Edmodo, Gooru, iBook, etc.)
 - Write a motivating introduction including the challenge question
 - Develop a task aligned with learning goals and Common Core standards
 - Develop the process section
 - Compile a list of resources
 - Develop materials for assessing the project
 - Create the evaluation section and rubric
 - Create conclusion with reflection

Lab Content

Not applicable.

Special Facilities and/or Equipment

- When offered on/off campus: Lecture room equipped with LCD projector, whiteboard, and a demonstration computer connected online. Computer laboratories equipped with online PCs and/or Macintosh computers, network server access, and printers.
- When taught via the Internet: Students must have current email accounts and/or ongoing access to computers with email software, web browsing capability, FTP program, and access to the World Wide Web.

Method(s) of Evaluation

The student will demonstrate proficiency by:

- Developing a Webquest (or equivalent) project
- Presenting the project to peers for feedback and critically analyzing peer projects
- Making constructive contributions to class discussions

Method(s) of Instruction

During periods of instruction the student will be:

- Listening actively to lecture presentations delivered in student-centered learning style by taking notes, following demonstrations, or completing an activity
- Participating in facilitated discussions of live presentations, demonstrations, readings or video presentations
- Presenting in small group and whole class situations
- Working independently or in small groups to develop a project

Representative Text(s) and Other Materials

Cooper, Ross, and Erin Murphy. Hacking Project Based Learning: 10 Easy Steps to PBL and Inquiry in the Classroom. Cleveland, OH: Times 10 Publications, 2016.

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 project, peer evaluations, and critical analysis of other projects.

B. Outside assignments include conducting project development, writing the project materials, reading, and participating in online peer collaboration activities.

C. When taught online these methods may take the form of video, audio, animation and webpage presentations. Assignments will be submitted online as well.

Discipline(s)

Instructional Design/Technology