

# Adapting to Campus Climate Change: Using Moodle to Teach Increasing Class Populations



SCIL Works 2013  
San Marcos, CA  
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# Main Objectives

- Describe the process of moving from in-person library instruction only to a combined model of both in-person and virtual instruction
- Demonstrate how to address increasing class sizes and space constraints effectively and efficiently by using a campus learning management system for in-class activities as well as virtual instruction
- Present examples from one general education course and a model for sharing lessons and activities
- Discuss opportunities for assessment

# CSUN Background

## California State University (CSU)

- 23 campuses
- Students: > 400,000
- Faculty & Staff: > 44,000
- CSU Moodle Consortium: 9 active members

## California State University Northridge (CSUN)

- Students: > 30,000
- Faculty: > 2,000
- Moodle became LMS in 2009
- Fall 2009 – early adopters
- Summer 2010 – campus LMS

## Course Background

- Ecology and People (Biology 327) is a general education course that includes an information literacy component
- Enrollment has tripled - originally 30 students
- Class meets once a week - formerly twice a week
- Taught by Assistant Professor of Biology since Fall 2006

# Library Instruction Overview

Semester	# Students	# In-Person Instruction Sessions	# Librarians	Online Component
Fall 2008	30	2	1	Webpage
Spring 2009	40	2	1	Webpage
Fall 2009	75	2	2	Webpage
Fall 2010	72	2	2	Moodle
Spring 2011	71	2	2	Moodle
Fall 2011	75	2	2	Moodle
Spring 2012	103	1	2	Moodle
Fall 2012	88	1	1	Moodle

# In-Person Library Instruction

- Two sessions
  - First session covered different sources of information (reliability, currency, authority, etc.), citing sources, and what constitutes plagiarism.
  - Second session covered how to locate relevant information and what tools the library provides and has access to in locating information for the purposes of course assignments.

# Fall 2009 Changes

- Course available in Moodle
- Assignment guidelines require that two out of five sources are primary sources
- Class size doubles which requires class to be divided in half for library instruction sessions which are taught concurrently by two librarians

# Library Instruction Collaboration

- Instruction outline and in-class activities created to ensure students receive same content
  1. Types of sources – primary/secondary source activity using four pre-selected articles (handouts)
  2. Evaluating sources – website evaluation activity using a website that students find in a Google search
  3. Citing and plagiarism – MLA citation practice using website from previous activity
  4. Assignment review – number and types of references and MLA citation style
  5. Selecting a topic – current event sources
  6. Finding references – demonstration and time to work on assignment



# Fall 2010 Changes

- Librarians embedded in Moodle course in assigned Librarian role
- Primary and secondary article examples
- Link to webpage with course-specific library resources
- Ask A Librarian forum

Fall 2010



 [News forum](#)

 [Important Announcements](#)

 [Syllabus](#)

 [Assignments](#)

Links for uploading assignments

 [Assignment #1: Local Environmental Issue](#)

 [Assignment #1: Local Environmental Issue: Revision 1](#)

 [Assignment #2: Regional or Global Environmental Issue](#)

Library Instruction Session Primary and Secondary Article Examples

 [Secondary Source - Newspaper Article](#)

 [Primary Source - Research Study](#)

 [Secondary Source - Systematic Review/Meta-Analysis](#)

 [Primary Source - Newspaper Article Interview](#)

 [Ecology and People Library Resources](#)

 [Ask A Librarian](#)

## Spring 2011 Changes

- Library Resources block
- Utilize Choice option for polling students on primary/secondary article examples and MLA citation activity to identify reference types

# Spring 2011


## 6 Library Resources



Library Instruction Session Primary and Secondary Article Examples


 [Newspaper Article, Secondary](#)

 [Article Type?](#)

 [Primary or Secondary?](#)


 [Research Article, Primary](#)


 [Article Type?](#)

 [Primary or Secondary?](#)


 [Review Article, Secondary](#)

 [Article Type?](#)

 [Primary or Secondary?](#)

 [Newspaper Article, Primary \(interview\)](#)

 [Article Type?](#)

 [Primary or Secondary?](#)

 [MLA Citation Activity](#)

 [Reference Type?](#)

 [Ecology and People Library Resources](#)

 [Ask A Librarian](#)






# Fall 2011 Changes

- Utilize Questionnaire option for MLA citation activity

## MLA Citation Style

1. What type of resource does this citation refer to?

Croal, N'Gai. "Want a Job? Get Online." *Newsweek* 6 June 1997: 81-82. Print.

Response	Average	Total
Website	 3%	2
Magazine article	 77%	48
Journal article	 5%	3
Newspaper article	 23%	14
Book	 2%	1

# Fall 2011


## 6 Library Resources



Library Instruction Session Primary and Secondary Article Examples


 [Article 1 - Newspaper Article, Secondary](#)

 [Article Type?](#)

 [Primary or Secondary?](#)


 [Article 2 - Research Article, Primary](#)

 [Article Type?](#)

 [Primary or Secondary?](#)


 [Article 3 - Review Article, Secondary](#)

 [Article Type?](#)

 [Primary or Secondary?](#)

 [Article 4 - Newspaper Article, Primary \(interview\)](#)

 [Article Type?](#)

 [Primary or Secondary?](#)

 [MLA Citation Activity](#)

 [Ecology and People Library Resources](#)

 [Ask A Librarian](#)

# Spring 2012 Changes

- Class size triples which requires retooling the library instruction for a hybrid model – session one topics offered in Moodle as virtual instruction and session two topics covered in-person
- Created lessons and activities with content formerly covered in the first day of library instruction for students to complete before coming to the library
  - Lessons include both text and a video
  - Activities

Name	Summary
<a href="#"><u>Primary vs Secondary Activity</u></a>	This activity asks students to determine whether two sources are primary or secondary.
<a href="#"><u>Evaluating Websites Activity</u></a>	This activity asks students to evaluate whether or not a website is credible.
<a href="#"><u>MLA Citation Activity</u></a>	This questionnaire provides 5 MLA citation examples for various references and asks students to determine what each type of reference (i.e. book, journal article, etc.).

# Spring 2012

## 6 Library Resources

Before you come to the library, please read or watch the three lessons on library topics below and complete the corresponding short activities. When you come to the library, we'll briefly review the three activities and then start searching for sources for your assignments.

### Lessons

-  [Types of Sources](#)
-  [Evaluating Websites](#)
-  [Citing Your Sources \(MLA\)](#)

### Activities

-  [Primary vs Secondary Activity](#)
-  [Evaluating Websites Activity](#)
-  [MLA Citation Activity](#)
-  [Ecology and People Library Resources](#)
-  [Ask A Librarian](#)



# Fall 2012 Changes

- Course meeting time changed to once a week instead of twice a week which necessitates class being divided in half for library instruction sessions which are taught by one librarian for half of the class meeting time

## 5 Library Resources



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### Lessons

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### Activities

-  [Primary vs Secondary Activity](#)
-  [Evaluating Websites Activity](#)
-  [MLA Citation Activity](#)
-  [Ecology and People Library Resources](#)
-  [Ask A Librarian](#)

# Current Library Instruction Design

- Existing in-class exercises have been adapted to online modules created in Moodle
- All activities have an online assessment component

# Model

- Storage of modules for easy access
- Ability to import modules into a campus learning management system
- Develop a suite of modules for use in any course providing general information literacy instruction
- Support the university's growing number of hybrid and online classes

# Library Lesson Repository

## Library Lesson Repository

This repository provides access to tutorials, lessons, and question sets that can be used in Moodle or during in-class instruction. The question sets are available in two formats:

- Questionnaire - this is a type of Moodle activity that can collect answers without affecting course grading, making it a good choice for courses where librarians are embedded.
- Doc - this is a Microsoft Word document that has the questions (and answers for multiple choice questions) that can be used in class or to populate other quizzing software (SurveyMonkey, Poll Everywhere, clickers).

As a guest/student, you are free to view and access the material here. If you would like to import a lesson, tutorial, or question set directly into your Moodle class, please email [Anna Fidjeon](#) or [Laurie Borchard](#) to be added as a TA to this course.

For more assistance with library instruction for your class either in Moodle or in-person, you can contact your [library subject specialist](#) and/or [request an instructional session](#) for your class to familiarize students with research techniques and sources.

 [News forum](#)

 [Guide to Importing Resources from the Library Lesson Repository](#)

# Future

- Online assessments coupled with each activity are a potential means of assessment on both the course and program level
  - Course level – assessment each semester for the same course
  - Program level – assessment each semester for different courses in the same program
  - Comparison of assessments across disciplines

# Live Demo

# Questions?

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