

# **From WebCT to Moodle: Online Information Literacy Instruction at Oakland University**

Presented by:

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# Oakland University

- Carnegie Doctoral/Research University
- Approx. 30 miles N of Detroit
- 18,000 students
- Primarily commuters

# Course-Integrated Library Instruction with RHT 160

- Rhetoric 160—Composition II
  - 30-40 sections in fall, 85-100 sections in winter
  - Pre-WebCT: three face-to-face contact hours with a librarian
  - With WebCT/Moodle: online instruction followed by two contact hours with a librarian

# WebCT Course Menu

(ca. 2001)

The screenshot shows a Microsoft Internet Explorer browser window displaying the WebCT course menu for RHT-160-027. The browser's address bar shows the URL: [http://webct.oakland.edu:8080/SCRIPT/11216200210/scripts/serve\\_home](http://webct.oakland.edu:8080/SCRIPT/11216200210/scripts/serve_home). The WebCT interface includes a navigation bar with links for MYWEBCT, RESUME COURSE, COURSE MAP, RESOURCES, LOG-OUT, and HELP. Below this, there are radio buttons for 'Home' (selected) and 'Designer Options'. The main content area is titled 'RHT-160-027 Home' and features a grid of course menu items, each with an icon and a link:

- [I. Library Pre-Test](#) (Icon: Pencil holder)
- [II. Library Basics](#) (Icon: Folder)
- [III. Voyager](#) (Icon: Folder)
- [IV. FirstSearch](#) (Icon: Folder)
- [V. Library Post-Test](#) (Icon: Pencil holder)
- [Glossary](#) (Icon: Book with magnifying glass)
- [Kresge Library Web Site](#) (Icon: Chain link)

A left-hand sidebar contains a 'Hide Navigation' button and two sections: 'Control Panel Visible to Designers' with links like 'Take Guided Tour' and 'Manage Course', and 'Course Menu' with a list of course items including 'Homepage', 'I. Pre-Test', 'II. Library Basics', 'III. Voyager', 'IV. FirstSearch', 'V. Post-Test', 'Glossary', and 'Library Web Site'. The browser's status bar at the bottom shows 'Done' and 'Internet'.

# Interactive Quizzes

**Search by: (\* = limits unavailable)**  
Title (omit initial articles: the, a, an)  
Journal Title (omit initial articles)  
Author/Name\* (last name first name)

**Search for:**

**Limit by:**  
None

50 records per page

**This quiz required students to perform searches in the OPAC and then answer questions based on the results they obtained.**

# WebCT Quiz Interface

**Library Pre-Test**

Name: For professors to insert their name, click change settings (Preview)

Number of Questions: 15

Finish Help

**Question 1 (1 point)**

Which database do you use to find out if Kresge Library has a certain book?

- 1. Voyager
- 2. FirstSearch
- 3. InfoTrac
- 4. Lexis/Nexis

Save answer

Unanswered				
Answered				
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15

**Students had to click "Save answer" after every question on all the quizzes.**



# Lessons Learned from Our First Foray into Online Instruction

- Not all content is suitable for online tutorials
- A linear arrangement can help students stay focused
- “Post-test” vs. “Final Exam”
- Grades are great motivators!

# “MyMoodle” Course Listing

(ca. 2008)

Overview of my courses - Mozilla Firefox

File Edit View History Bookmarks Yahoo! Tools Help

https://moodle.oakland.edu/moodle/my/

You are logged in as Mariela Gunn (Logout)

Oakland University

MyMoodle Overview of my courses Edit this page

Oakland University Moodle

Moodle stands for a Modular Object-Oriented Dynamic Learning Environment (<http://www.moodle.org>).

Get the Firefox browser from a free download at <http://www.mozilla.com>, Internet Explorer is not supported for use with Moodle.

Moodle Help Instructions and Workshop handouts

Request Help

Move Course Content to New Semester

Campus Closed Mon. April 14, 2008

Winter Semester 2008:

Library Instruction for Rhetoric 160 - Winter 2008

Lesson: [Library Pre-Test](#)  
Lesson closes on Thursday, 1 May 2008, 06:10 AM  
25730 attempts

Lesson: [Library Tutorials and Quizzes](#)  
Lesson closes on Thursday, 1 May 2008, 09:15 AM  
58969 attempts

Lesson: [Library Final Exam](#)  
Lesson closes on Thursday, 1 May 2008, 07:00 AM  
23822 attempts

MGT-110-17395-Contemp World Business

Forum: [Questions on the Chapters](#)  
2 posts since last login

Forum: [Sharing the News Discussion #2](#)  
1 posts since last login

Forum: [My Personal Ethics](#)  
23 posts since last login

Done moodle.oakland.edu

**Library content appears alongside, rather than within, students' other courses**



# Group Creation in Metacourse

The screenshot shows a Mozilla Firefox browser window titled "rht160libraryW08: Groups". The address bar shows the URL "https://moodle.oakland.edu/moodle/group/index.php?id=15514". The breadcrumb trail is "MyMoodle > rht160libraryW08 > Participants > Groups". There are two tabs: "Groups" and "Overview". The main content area is titled "rht160libraryW08 Groups". It features two columns: "Groups:" and "Members of: 10956 (19)".

Groups:	Members of: 10956 (19)
10875 (21)	<i>Student</i>
10897 (21)	Ilyssa Beltzman
10905 (20)	Barbara Berg
10913 (22)	John Culcasi
10918 (20)	Tara Felock
10923 (19)	Catherine Gasior
10927 (22)	Irma Gotvald
<b>10956 (19)</b>	Jamie Hine
10958 (19)	Meghan Lauer
10959 (18)	Teresa Lyons
10961 (22)	Sean McClellan
11086 (22)	Lacie Melasi
11092 (17)	Rachel Morris
11096 (12)	Katie Nachwostach
11116 (20)	Rhiannon Rhoades

Below the lists are four buttons: "Edit group settings", "Delete selected group", "Create group", and "Add/remove users".

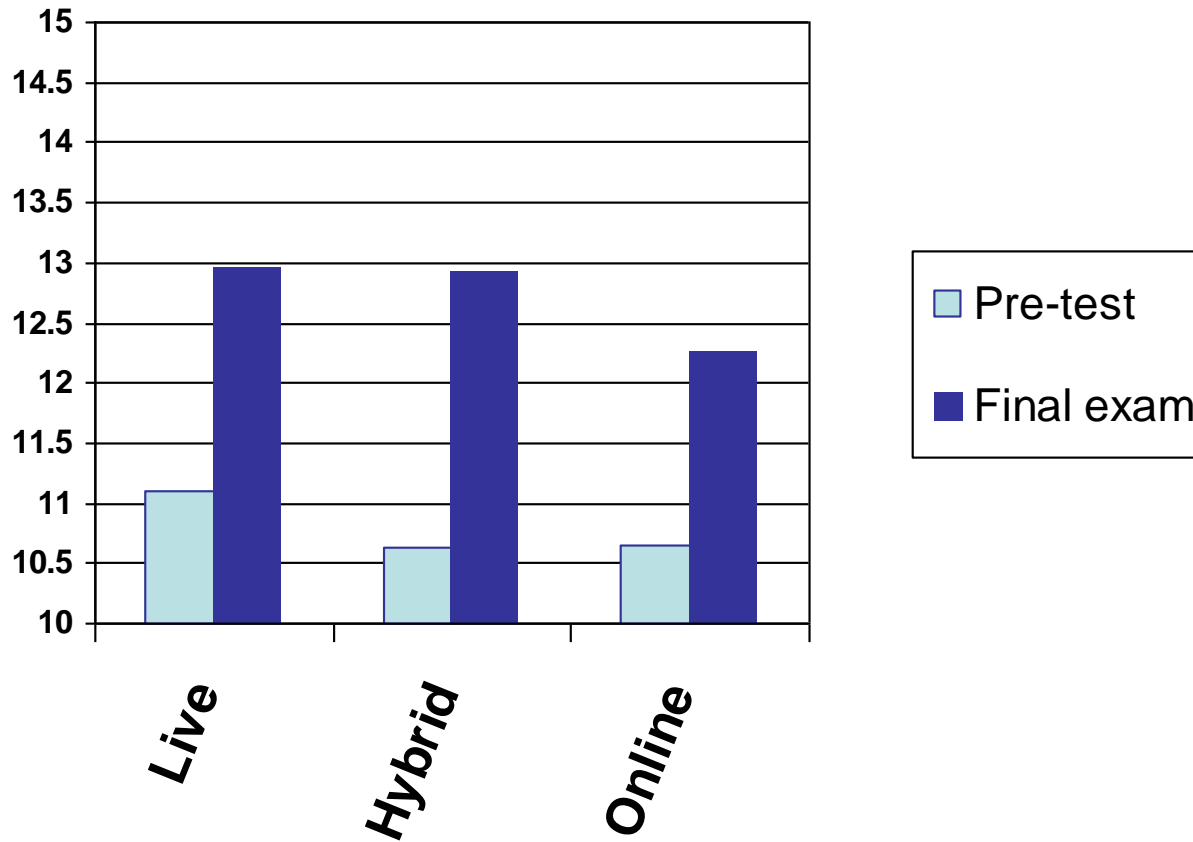
**For easy tracking of grades and completion rates, students are assigned to groups according to RHT 160 section**



# **Current Content of “Library Instruction for RHT 160”**

- Pre-Test (16 questions)
- Library Locations (w/ 5 quiz questions)
- Library Facts (w/ 10 quiz questions)
- Library Catalog Basics (w/ 11 quiz questions)
- Popular vs. Scholarly (w/ 3 quiz questions)
- Intro to Keyword Searching (w/ 3 quiz questions)
- Final Exam (16 questions)

# Pre-test and Final Exam Mean Scores, by Instruction Type



# DNP Online Library Instruction

The screenshot shows a Moodle course page in a Mozilla Firefox browser. The browser title is "Course: DNP Online Library Instruction - Winter 2008 - Mozilla Firefox". The address bar shows the URL "https://moodle.oakland.edu/moodle/course/view.php?id=15654". The page header includes "MyMoodle" and "DNPLibraryW08". The main content area is titled "Topic outline" and contains the following sections:

- 1 Pre-Test**
  - [Preliminary Survey](#)
- 2 Handouts**

Please print out these handouts before beginning the tutorials. Some of the tutorials will refer to individual handouts posted here, so please keep them handy.

  - [Keyword Searching](#)
  - [Off-Campus Login Screen](#)
- 3 Tutorials**

These tutorials will introduce you to some important library resources and demonstrate their use.

  - [Scholarly vs. Non-Scholarly Sources](#)
  - [Guided Tour of the School of Nursing Resources Page](#)
  - [ILLiad Registration](#)
  - [Introduction to Keyword Searching](#)
  - [Full-Text Articles in CINAHL](#)
  - [Retrieving CINAHL Articles Not Available in Full-Text](#)
  - [Does the Library Have the Item I Need?](#)

On the right side of the page, there is a red note: "NOTE: You must turn off any pop-up blockers on your computer in order for this course to function properly." The left sidebar contains navigation menus for "People", "Activities", "Search Forums", "Administration", and "My courses". The footer of the browser shows "Done" and "moodle.oakland.edu".

**Each tutorial is portable; housed on library server**

# Study of DNP Online Library Instruction Course

- 12 respondents (30%)
- Initial Results:
  - Only one student had any prior library instruction
  - Post-test scores were much improved from the pre-test scores
  - Confidence levels in research abilities increased for nearly every student from the pre- to post-test
  - Every respondent either *agreed* or *strongly agreed* that the library instruction course was a valuable use of their time

# Library Instruction On-Demand

The screenshot shows a Mozilla Firefox browser window titled "Overview of my courses - Moodle". The address bar displays the URL "https://moodle.oakland.edu/moodle/my/index.php?edit=0". The page content is organized into a sidebar and a main area. The sidebar includes "Oakland University Moodle" with a description, a link to download Firefox, and links for help and course management. The main area lists several courses under the heading "Winter Semester 2008":

- Library Instruction - NRS531 - Winter 2008
- Library Instruction - NRS452 - Winter 2008
- DNP Online Library Instruction - Winter 2008
- Library Instruction for Rhetoric 335 - Winter 2008
- HC-207-17803-Second Life:Virtual Environm...
- Library Instruction for Rhetoric 160 - Winter 2008

Under the "HC-207-17803-Second Life:Virtual Environm..." course, there are three assignments listed:

- Assignment: Upload Statement for Project #1: Construction  
Due date: Tuesday, 29 January 2008, 10:00 PM
- Assignment: Upload Statement for Project #2: Explorations Tues...  
Due date: Tuesday, 12 February 2008, 10:00 PM
- Assignment: Upload Statement for Final Project  
Due date: Wednesday, 23 April 2008, 11:00 PM

Under the "Library Instruction for Rhetoric 160 - Winter 2008" course, there is a lesson listed:

- Lesson: Library Pre-Test  
Lesson closes on Thursday, 1 May 2008, 06:10 AM  
25730 attempts

The browser status bar at the bottom shows "Done" and "moodle.oakland.edu".

**Content for these courses was drawn from existing instructional content at the point of need.**



# Benefits of Offering Library Instruction via LMS

- Gradebook data can be used for assessment
- Appearance alongside other courses in the CMS lends weight to library instruction
- No additional technology learning curve for students
- Tutorials can be picked “buffet style” for use in other classes; creates more flexible instructional program



# Special Considerations when Offering Library Instruction via LMS

- Systems designed with semester-long courses in mind; some systems are easier to adapt than others
- Content is not available to general public
- Possible editing issues
- Possible training issues, esp. for faculty





# Future Plans

- “Phase 2” of RHT 160 study
- LIB 200
- LIB 501
- More online instruction!



# For More Information . . .

- Kraemer, E. W. (2003). Developing the online learning environment: The pros and cons of using WebCT for library instruction. *Information Technology and Libraries*, 22(2), 87-92.
- Kraemer, E. W., Lombardo, S. V., & Lepkowski, F. J. (2007). The librarian, the machine, or a little of both: A comparative study of three information literacy pedagogies at Oakland University. *College & Research Libraries*, 68(4), 330-342.



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