Static Course Modules? ZAP!

Librarians Create Interactive Online Lessons

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#SIDLIT2016
About the Project

- Creating interactive, online lessons
- Started in 2010 by Dean Lori Goetsch of K-State Libraries and prior Director Karen Cole of KUMC Dykes Library
- Expanded outside KS border to include other universities
Open Access

- Creative Commons licensed
- Everyone can use them
- Individual instances of the course for scoring

Contact us if you’re interested in using the lessons for your instruction!

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Consortial Collaboration

- Librarians from 9 universities in 6 states
  - University of Kansas Medical Center
  - Washington University in St. Louis
  - Fort Hays State University
  - Kansas State University
  - Indiana University
  - Oklahoma State University
  - Marquette University
  - University of Wisconsin-Platteville
  - University of West Georgia

- Roles: sponsors, instructional designers, graphic artists, content creators
ACRL Framework for Information Literacy for Higher Education

- Literacies needed for academic success & lifelong learning (ACRL, 2015)
  - Authority Is Constructed and Contextual
  - Information Creation as a Process
  - Information Has Value
  - Research as Inquiry
  - Scholarship as Conversation
  - Searching as Strategic Exploration
Process for Lesson Development

Semester launch meetings
- In person & Zoom
- Topeka & Shawnee County Public Library

Drafting
- Small group online meetings
- Google docs brainstorming & collaboration
- Lessons created in SoftChalk

Guidelines
- Copyediting; Style sheet in progress
- Style Guide for lesson development
Learning Objectives

- Use specific structure for developing learning objectives
- Why statement
  - How student applies the ability (Zald & Gilchrist, 2008)
  - Depth & clarity (Zald & Gilchrist, 2008)
  - Relevance & connection (Zald & Gilchrist, 2008)

New Literacies Alliance, 2016, used by permission
Backward Design

- Build backward to create lessons  
  ○ Identify desired results
  ○ Determine evidence
  ○ Plan lesson

- Begins with learning objective or outcome
1. Objective: In this lesson, you will learn to identify strategies to discover more recent, contemporary contributions to a scholarly conversation.

2. Determine evidence: look for literature, search strategies

3. Learning activities: Timeline, multiple choice assessments for identifying next steps
Rapid Prototyping Model

- Functional lesson drafts
- Several test rounds with students
- Check for any problems and usability

- To which age group do you belong?
- On a scale of 0-4, how confident are you that you understood the content of this lesson?
- What did you like about this lesson? Why?
- What did you not like about this lesson or wish could be changed? Why?
- Do you have any other comments, thoughts, ideas, or concerns?
- Do you feel you learned something valuable from the lesson? If so, what did you learn and why was it valuable? If not, what do you wish the lesson would have discussed instead?
Embedding Lessons

- Lessons are LMS agnostic
  - LTI link connects scores to gradebook
- Web links to lesson
  - Download and upload grades
Most Recent Lessons

Access

- **Frame**: Information has value
- **Knowledge practice**: Understand how and why some individuals or groups of individuals may be underrepresented or systematically marginalized within the systems that produce and disseminate information
- **Knowledge practice**: Recognize issues of access or lack of access to information sources
- **Disposition**: Learners are inclined to examine their own information privilege
- **Learning objective**: The students will be able to predict consequences related to access issues in order to make informed decisions.
Most Recent Lessons

Scholarly Conversations: Following the Research

- **Frame:** Scholarship as Conversation
- **Knowledge practice:** Summarize the changes in scholarly perspective over time on a particular topic within a specific discipline
- **Disposition:** Learners recognize they are often entering into an ongoing scholarly conversation and not a finished conversation.
- **Learning objective:** The learner will identify strategies to discover more recent, contemporary contributions to a scholarly conversation.
Explore NLA Lessons

http://guides.lib.k-state.edu/nla

- Question Authority
- Value of Information
- Ask the Right Questions
- Types of Information
- Search Strategies
- Introduction to Information: Choosing Information Paths
- Digital Terrain and Ethics: Email Etiquette
Lessons In Action
NURS 327
Communicating and Managing Healthcare Information

About the Course

- BSN program
- Flipped classroom
- Concept-based curriculum
- Information Literacy Concept
- Blackboard LMS
- Previously, static quizzes, paper
Nursing 327
Communicating and Managing Healthcare Information

NLA lessons used

- Value of Information
- Types of Information
- Ask the Right Question
- Search Strategies
HEIM 501
Information Resources for Health Professions

About the course

- Online course in Blackboard
- Required for Health Information Management students
- Course units taught by different instructors
- 4-week information literacy unit
- Previously, more YouTube videos

Lesson: Search Strategies
HEIM 501
Information Resources for Health Professions

Challenges faced

- Syllabus/schedule set prior to semester
- Scoring set based on previous year’s course
- Concerns about scoring in SoftChalk
Lessons Learned

- Points for credit
- Usernames
- Communication
- Institutional requirements
- Embedding in Blackboard scoring
Collins, Pitts and Kearns win ACRL IS Innovation Award

“These are incredible!!! I am going to use them not only in this class but in every class I teach that has a research requirement!”
--History Professor at Participating Institution
Join Us!

http://guides.lib.k-state.edu/nla

- Browse the lessons
- Use the lessons
- Help create new lessons


Healy, H. S., & Hartwell, J. A. (2016, April). New friends, new framework: Open access information literacy instruction & collaboration. Presentation at the annual meeting of the College & University Libraries Section (CULS) of the Kansas Library Association, Manhattan, KS.


