Improving Library Instruction by Design

2011 Library Tech Conference
HELLO!

http://z.umn.edu/improvingid
We are interested in you.
In one word, describe your instructional design training in Library school?
What percentage of your day-to-day work would you say is “instructional design”?
OUTLINE

Our story
ID in the library
Types of projects
Lessons
Recap
Challenges
Q&A
Building Our Case
Competencies

Long Road to Hiring
Process and Workflow
Instructional designers help support student learning through the effective use of academic technology.
ADDIE

1. Analyze
2. Design
3. Develop
4. Implement
5. Evaluate

Formative Feedback
MODELS

Identify Instructional Goals

Conduct Instructional Analysis

Write Performance Objectives

Develop Assessment Instruments

Revise Instruction

Develop Instructional Strategy

Develop And Select Instructional Materials

Design And Conduct Formative Evaluation

Design And Conduct Summative Evaluation

Analyze Learners and Contexts

DICK & CAREY
Who is the learner and what do they need?

Common Elements

Design

Develop

Implement

Assess
5 useful things for librarians to know about instructional design

Tom Kuhlmann
ID is more than just putting information in front of a learner.
ID has clear goals and gets learners focused on the right things.
ID provides context and perspective.
ID compresses the learning process and saves time.
ID engages learners with clear and meaningful content.
ID helps increase the scale of delivery.
Types of Projects

Examples
1. TEACHING HOW TO USE A TOOL
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2. HELP WITH A PROCESS
2. HELP WITH A PROCESS

Intro to Library Research 1:
Evaluating Sources

Exercise: Apply the Criteria to a Source

Your course: Public Health 1002
Your paper topic: Abuse of prescription drugs and ways to treat it

Assignment: Apply the criteria (timeliness, perspective/intent, and authority) to the sources.

Question 1 of 6
Is timeliness important for this topic?

YES
NO

Book
Publication Date: 2008
Author: Rod Colvin

About the author: Rod Colvin holds a bachelor of arts degree from Washburn University, Topeka, Kansas, and a master of science degree in counseling psychology from Emporia State University, Emporia, Kansas. From 2003 to 2005, Colvin served on an advisory commission to the National Center for Addiction and Substance Abuse, Columbia University, New York.

Description: The author, whose brother died at age 35 from abusing painkillers and tranquilizers, relates
2. HELP WITH A PROCESS
3. PROVIDE MORE CONTEXT (BACKSTORY)
3. PROVIDE MORE CONTEXT

How do engineers and engineering researchers communicate their results?

- Books / Textbooks
- Technical & Research Reports
- Patents
- Conference Papers
- Theses & Dissertations
- Standards
- Trade Journals / Magazines
- Journal Articles

More tutorials for Engineering
3. PROVIDE MORE CONTEXT

Which is more expensive?
You might be surprised at how the prices of journal subscriptions compare to the costs of other items. Roll your mouse over the picture of the item you think is more expensive in each pair.

A New Beetle or Brain Research?
2004 Volkswagen GLS, c. Volkswagen of America, Inc.
Reprinted from Brain Research, Vol. 1026, Copyright 2004, with permission from Elsevier

A plasma TV or Surface Science?
Sony 50” XBR® Plasma WEGA™ HDTV, c. Sony Electronics
Reprinted from Surface Science, Vol. 57, Copyright 2004, with permission from Elsevier
4. TRAIN STAFF
4. TRAIN STAFF
I’ll Get It!

You are a student who must help his peers to identify a variety of research materials. Use your mouse to pick up their requests. Then use the catalog to look for helpful resources.

Do your best to help them quickly finish their research with the best tools for the job.
4. TRAIN STAFF
4. TRAIN STAFF

Carnegie Mellon

Within Range

Shelve books in correct order to learn how information is organized and categorized using the Library of Congress Classification System.

Use the mouse cursor to pick up titles and place them in their correct location by hovering over the other books on the shelf.
4. TRAIN STAFF
Lessons
Challenges
Recap

Our story

ID in the library

Types of projects

Lessons + Challenges
THANK YOU
References

1. Theme inspired by @jessedee "You Suck at PowerPoint" http://www.slideshare.net/jessedee/you-suck-at-powerpoint
2. Library cards, CC AT NC ND "Zine - Issue Jr." by Whitluxus
7. "Computer" CC AT The Noun Project
8. "Laptop" CC AT The Noun Project
16. Vanderbilt Library, "Which is More Expensive?", http://www.library.vanderbilt.edu/jcosts/