MELO3D Training Meeting 1
Integration (and Creation) of Online Learning Resources. Why and How?
Tuesday, May 31, 2011

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There is a great deal of useful learning resources available online, but how does one select, augment and integrate these resources for use in a course? This session is combination demonstration and hands-on, and features examples from the MELO project of how online resources were integrated effectively into courses at UM. We will use the MERLOT framework to introduce participants to creating collections of learning objects, making collections student accessible, creating assignments, and customizing resources using "wrappers" created with Jing. The new MERLOT-sponsored authoring tool "content builder" will also be included.

Meeting Agenda and Objectives

3:00 – 3:15pm	Introductions and Overview of MELO3D Spring/Summer activities
3:15- 3:30pm	MERLOT/Sloan-C Conference July 11-13 Information; interest in going? Training Meeting 2 week of June 13 and availability feedback
3:30 – 3:35pm	Introduction to training workshop
3:35 – 3:45pm	Creating and integrating collections of learning objects (LOs) Examples from Physics and Psychology
3:45 – 4:10pm	Create your own personal collection of LOs *Assignment 1*
4:10 – 4:20pm	Sharing ideas on ways to make LO collections student accessible
4:20 - 4:35pm	Innovative ways to create LO collections Examples from Psychology and Chemistry
4:35 – 5:00pm	Customize resources for course integration using "wrappers" Examples from Statistics, Writing, and Math *Assignment 2*
5:00 – 5:30pm	Create your own wrapped LO using video capture *Assignment 3*
5:30 – 5:45pm	Create LOs with Content Builder *Assignment 4*
5:55 – 6:00pm	Concluding remarks and homework assignment (refer to page 4)

Types of Learning and Teaching Resources

Simulation: Interactive exercises that allow students to manipulate variables, and discover the impact of these manipulations.

Animation: Multimedia illustrations of physical properties or processes.

Tutorials: Users navigate through electronic activities to study, practice, and be tested on information designed to meet stated learning objectives, often with immediate feedback for student self-study. Can be used as a supplement to lecture or lab, or as stand-alone review activities.

Drill and Practice: Requires users to respond repeatedly to questions or stimuli presented in a variety of sequences. Users Practice on their own, at their own pace, to develop their ability to reliably perform and demonstrate the target knowledge and skills**.**

Quiz/Test: Any assessment device intended to serve as a test or quiz.

Survey Tools: Similar to tests but used more broadly for gathering information.

Lecture/Presentation: Any materials intended for use in support of in-class lectures/ presentations. Lecture notes, audio visual materials, and presentation graphics such as PowerPoint slide shows that do not stand alone are examples.

Case Studies: An example that can be explored in depth that illustrates a concept or problem.

Collection and Database: Subject specific web sites or specific applet collections. It can be a collection of web sites or a collection of subject specific applets.

Reference Material: Informational resources for students or instructors. Material with no specific instructional objectives and similar to that found in the reference area of a library.

ASSIGNMENT ONE:
Go to MERLOT (http://www.merlot.org) and spend about ten minutes looking at some learning resources and posting two resources to your Personal Collection:

A) Take about five minutes to:
   1) Find the LO: "Simulating Confidence Intervals" by Beth Chance and Allan Rossman located within the Mathematics and Statistics learning disciplines.
   2) Take a brief look at the LO. What do you like/dislike about it as a teaching and learning tool?
   3) Post this LO to your Personal Collection

B) Take about five minutes to:
   1) Find **one** of the LOs indicated below
   2) Post it to your Personal Collection
   • Learning Disciplines: World Language/Spanish
     "Ojala que llueva café" by Barbara Nelson
   • Learning Disciplines: Library and Information Services
     "Vail"(Virtual Academic Integrity) by Center for Intellectual Property, University of Maryland
   • Learning Disciplines: Social Sciences/Psychology
     "Muller Lyer Illusion Experiment" by Gary Bradshaw
   • Learning Disciplines: Statistics
     "Rossman/Chance Applet Collection" by Beth Chance, Francisco Garcia
   • Learning Disciplines: TeacherEd/Teaching Methods
     "MERLOT ELIXR: Sharing Faculty Stories of Exemplary Teaching" by Thomas Carey, Lou Zweier, Gerry Hanley, Season Eckhardt
   • Learning Disciplines: Science and Technology/Chemistry
     "Periodic Table LIVE" by JCE Software
   • Learning Disciplines: Science and Technology/Chemistry
     "Protein Explorer" by Eric Martz
   • Learning Disciplines: Science and Technology/Chemistry
     "Animations of Organic Reactions" by Grigorly Sereda
   • Learning Disciplines: Social Science/Psychology
     "Social Psychology" by Michael Kearl
   • Learning Disciplines: World Languages/Spanish
     "Enrique Yepes: Pagina de ayuda para estudiantes de espanol" by Margarita Hodge

ASSIGNMENT TWO:
Select one of the Video LO Tutorials and listen using your headphones
   • Writing presentation by Ben Gunsberg at:
     screencast.com/t/MTE1MG14MTgt
   • Mathematics presentation by Michell Lee at:
     screencast.com/tY2FiNzUxOWlt
   • Personalized feedback on a student project by Christine Modey at:
     http://www.screencast.com/t/NTBlMjQyM2Et

ASSIGNMENT THREE:
Create a wrapper for ONE of the following:
- An LO in your personal collection
- The umich.edu website (e.g., how to find your UM directory entry)
- Your CTools site (e.g., get to iTunes U)
- A card/message in Word/ppt (e.g., wrap it with an audio message for your Mom or friend or yourself)

***ASSIGNMENT FOUR*:**
 Explore "Creating Learning Resources with Content Builder".
       http://www.merlot.org/merlot/viewMaterial.htm?id=532449

Homework Assignment: **(**due next meeting**)**
Find three discipline LOs and present and critique on using MERLOT evaluation criteria (content, ease of use, teaching and learning effectiveness)

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Become a Peer Reviewer of Online Learning and Teaching Resources:
Peer reviewer training camps called GRAPE Camps are typically conducted monthly and consist of three one-hour online workshops, one per week. At the conclusion of the workshops you will be referred to a MERLOT editor in your discipline. The MERLOT editor will assign you to an online learning and teaching resource to review. At that time discipline-specific evaluation criteria will be shared with you. If your review is acceptable you will become a member of the editorial board as a peer reviewer. Currently if you voluntarily complete ten reviews in a given year, you are given free registration for the MERLOT International Conference!

Attend June GRAPE Camps:
    Wednesday June 1, 8, 15 at 3PM Eastern/Noon Pacific

       SIGN up at: http://taste.merlot.org/peerreviewer.html
        or contact Cathy Swift

MERLOT International Conference Information:
       The MERLOT International Conference 2011 will be held July 11-13th in San Jose, California in collaboration with Sloan Consortium. The conference theme is "Emerging Technologies for Online Learning". Early Bird registration ends on June 11th.
       To register: http://sloanconsortium.org/conferences/2011et4online/registration

Your Workshop Contact Information:
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