



Online Teaching

Motor Behavior in the 21st Century

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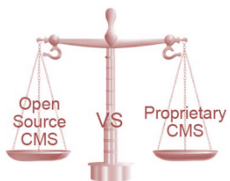
Outline

- LMS (Learning Management Systems)**
proprietary / open sources
e-learning tools
- Podcasting lectures, labs and class activities**
screen video capture software
presentation capture
video sharing strategies
- Interactive virtual environments**
Social networks
Twitter
- Hybrid – Motor Development course | KNES370 |**




LMS Learning Management Systems

- Blackboard (versions) *
- Canvas by Instructure *
- Desire2Learn
- Joule/Moodle by Moodlerooms
- Sakai by rSmart



Proprietary / open source systems
advantages and disadvantages



e-learning tools


- Discussion board
- Gradebook – display / import and export
- Work Groups
- Wiki/blogs
- Assessment engine
- WYSIWYG HTML editor
- Built-in help system
- Integration support

- Student activity tracking tools
- Support for Foreign Language
- Assistive technology JAWS and voice input
- Archival functionality in discussion tool
- Administrative privileges at all levels


LMS

Learning Management Systems

Enhance learning by increasing students interaction



Digital Information Literacy



What is new ?

Clickers or mobile device, phones, laptops, iTouch, ipad, etc.


transitory period

information

➔

collaboration

use of technology
is helpful, but secondary
in the learning process




WHY




Expand learning opportunities...

Beyond the classrooms
Continuous student's interactions
Independent and self-paced Learning
Increase individual class participation and active learning



blended | presential | online | F2F | hybrid | distance

<http://chronicle.com/article/Teach-Naked-Effort-Strips/47398/>



Teach Naked – The Chronicle

Not much POWER in my PowerPoint presentations

Lectures / Labs / and class activities

- Screen video capture software
 - Camstasia, PPT, Garage Band, Flash, Adobe
- Presentation AV capture
 - panopto;
- Video sharing strategies;
 - Youtube, Vimeo, Yahoo videos etc..

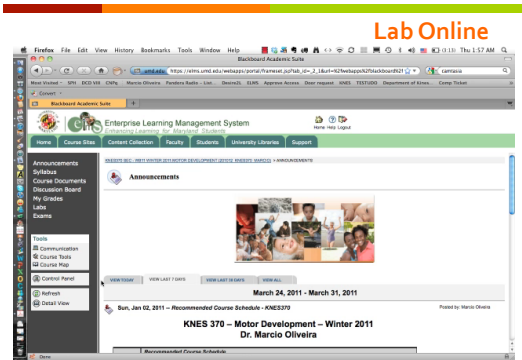
Podcasting

Screen video capture



KNES370 lectures and Labs

Lab Online



Enterprise Learning Management System

Announcements

March 24, 2011 - March 31, 2011

KNES 370 – Motor Development – Winter 2011
Dr. Marcio Oliveira

Presentation capture...

PANOPTO Products Solutions Customer Success POSTED LOGIN

Technology that's Easy to Use and Flexible

Panopto Focus is a flexible and easy-to-use presentation capture platform that lets users capture, edit, stream, archive and share recordings that preserve critical knowledge.

This rich media video capture software solution is available as licensed software for enterprises or individuals. It can be installed locally behind your organization's firewall or accessed online through Panopto servers as part of our Panopto Focus Hosted service.

This flexibility minimizes the technical barriers for adoption and reduces the cost of scaling the solution across an enterprise.

Presentation capture...

Wimba
people teach people

3D figures representing people in a meeting setting.

Lab Assignments

YouTube search results for "knes 370 sensorimotor".

Search results for **knes 370 sensorimotor**
About 14 results

Video sharing

- knes 370 sensorimotor system
- knes 370 Lab: Video Sensorimotor Integration
- KNES 370 Sensorimotor Integration video
- KNES 370 Lab
- KNES 370 Sensorimotor Integration Activity
- knes 370 Lab Exercise: Sensorimotor System
- knes 370 lab 6: sensorimotor video

Interactive virtual environments
presental | hybrid | online

twitter, YouTube, facebook, WORDPRESS, WIKIPEDIA, Dropbox, etc.....

facebook

Think BIOMECHANICS

Cognitive neuroscience


2,794 people like this

How Twitter in the Classroom is Boosting Student Engagement

"It's been really exciting because, in classes like this, you'll have three people who talk about the discussion material, and so to actually have 30 or 40 people at the same time talking about it is really interesting"

Twitter boost student engagement

motor development | project




➤ KNES370 hybrid project...

- ✓ **Lecture online (50')** – Lecture by the leader instructor
Online quiz about the lecture and reading assignments
- ✓ **One discussion section (50')** – Teaching Assistant
Weekly assignments
- ✓ **Lecture – presential (50')** – leader instructor

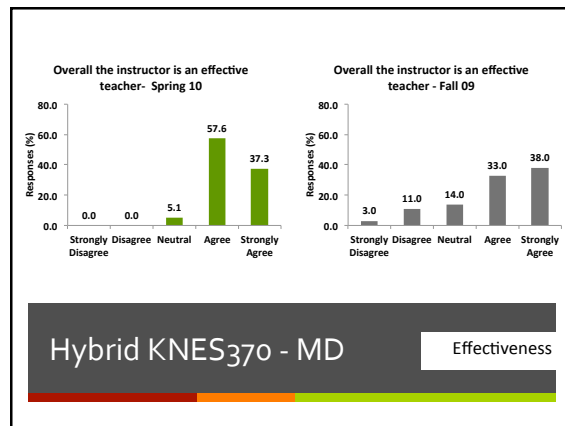
Students

1. *I wish all classes were hybrids, especially because I commute a long distance to school.*
2. *I took this class in the fall and got a D. Being a kinesiology major, I had to take the class again. The first semester I was very confused and didn't understand the material very at all. Going through it again in a different way was very helpful.*
3. *Hybrid model is something most students would be thrilled about in class.*
4. *I like the model because it helps us stay on task. The quizzes ensure that I am watching the lecture and don't allow me to get behind.*

Instructor & TA's perspective





- Engagement in the course;
- Participation rate during lecture is higher;
- Asking questions that shows a deeper level of understanding;
- Asking questions based on real life examples;
- Making relationships, discussing topics never raised in this class;
- Better prepared for class.



Thank YOU !!!!

SPH and KNES department
Teaching Assistants
CTE – Summer Institute (2009)
Campus mobile initiative
OIT support
KNES370 Students

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