Extending the Efficacy of the Learning Management System: Integrating Tools to Enhance Learning Online
Agenda

- Overview of Integrations and LTIs
- Examples at UCF
- Faculty role and experience
- Resources
“Technology is anything that wasn’t around when you were born.”
–Alan Kay
Learning Management System

• Collection of individual tools
  • WebCT = Web Classroom Tools

• A “walled garden”

• 99% of colleges and universities have an LMS
  • Brown, Dehoney, & Millichap (2015)

• Recent push expand beyond walled garden
Next Generation Digital Learning Environment

• Digital confederation of components like a smartphone

• Core functionality: interoperability and integration

• Example: an e-book application with a course syllabus and a separate quizzing tool, all of which could smoothly exchange data

(Brown, Dehoney, & Millichap, 2015)
“Mr. Potato Head and Friends” by Ian Muttoo is licensed under CC SA 2.0
When we say Integrations

• Learning Tool Interoperability (LTI)

• Set of standards that allow various technologies to talk to one another

• Maintained by IMS Global Learning Consortium

• UCF is a member
Types of Integrations

- Content
- Communication
- Assessment
  - Practice
  - Graded
Most Commonly Integrations Used at UCF

• YouTube
• Twitter
• Library Quicksearch
• Dropbox
• Pearson Mylabs
Selecting the Appropriate Integration

• Start with learning objectives

• Search integration catalog

• Determine how to add to course

• Test from student perspective

• Collect feedback
Faculty Role and Experience

Amanda Groff, PhD
Associate Lecturer,
Department of Anthropology
College of Sciences
Content Tools: Library Quicksearch

QuickSearch Lite

Embed full text articles and videos into your course...

Search Databases, Articles, and Catalog

Keyword • Author • Title • Video

University of Central Florida | Center for Distributed Learning | UCF Libraries
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*Does not search all library resources.
Content Tools: Google Maps

Module 3 Important Maps/Lithics Reference

Lake Jackson Mounds Archaeological State Park
3600 Indian Mound Rd, Tallahassee, FL 32303
4.5 ⭐️⭐️⭐️⭐️⭐️ 31 reviews
View larger map
Content Tools: YouTube Embed

These youtube clips are really great! I suggest watching all of them.

Example of Howler Monkey call:
http://www.youtube.com/watch?v=UdnwLX5m3G8

Example of Brachiation:
http://www.youtube.com/watch?v=lbMCyrc16t4

Example of Tool Use:
http://www.youtube.com/watch?v=juWNZGSW-_M

Example of Communication:
http://www.youtube.com/watch?v=mmOOdalnn4I
Accessibility Tools: Quiz Extensions

This tool will apply extra time to all existing quizzes/exams. For example, Suzy Johnson and Stephen Smith need double time. Select the students below and choose the appropriate amount of extra time e.g., double (2x).

If additional quizzes/exams are added during the semester, a message will appear below stating there are new quizzes which need extensions. Click the Apply Now link to add the same extensions.

Selected Students

- Emily
- Mercy
- Diego
- Audrey
- Brandon
- Caitlin
- Faiza
- John
- Briana
- Nichole

- Audrey
- Faiza

Submit Clear
Accessibility Tools: UDOIT
Course Accessibility Inspection

Welcome to UDOIT!
The Universal Design Online content Inspection Tool (UDOIT) was created by the Center for Distributed Learning course content, generate a report and provide instructions on how to correct accessibility issues. Funding for UDOIT was provided by the Florida Department of Education. Please Note: This tool is meant to be used as a guide, not a certification. It only checks for common accessibility issues. It does not necessarily mean that your course is fully accessible. Likewise, the tool may indicate a possible accessibility issue when there is not one.

What does UDOIT look for?

Select content:  
- [x] All
- [ ] Announcements
- [ ] Assignments
- [ ] Discussions
- [ ] Files
- [ ] Pages
Communication Tools: Twitter Widget

@profgroffsgc

Amanda Groff @ProfGroffSGC

Don’t forget that Modules 5 and 6 are closing tonight. Good luck!

MODULES  SYLLABUS

SCHEDULE  ONLINE SUPPORT

Center for Distributed Learning
Communication Tools: Action Icons

Discussion Post

Post a short introductory message under 'Introduce Yourself' in the 'Discussions' tab found personal information. This posting is to help you find people with common interests that you
Discussion posts are NOT to be used to discuss quiz questions or test questions! If you have

Internet Search

Using a search engine of your choice, find a web site concerning a cultural group's magic, or pick one that is different from your fellow students.

Getting Started Internet Assignment (5 points)

Click on the "Discussions" link in the course tools menu. Under the Getting Started Internet annotation (a basic description/why it is useful) of the web site. Your annotation must be a comments. Make sure you post this under the Getting Starting Internet topic! This collection
**Future Integrations?**

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**Student Tracking: More details needed**
Available Support and Resources
Center for Distributed Learning
Resources

- [http://dl.ucf.edu/lms](http://dl.ucf.edu/lms)
  - Curious about integrations?
  - Request an integration
  - Additional resources
References


