Universal Design for Learning and Moodle

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Traveling an unknown path is daunting...
Where do I begin with UDL?

Mapping your path.
Are there guidelines or principles to follow?

Roadside Assistance
How does that translate to Implementing in Moodle?

Rest Areas with Tools
Where can I find resources?
From which field of study did universal design for learning originate?

a) Medical Research  
b) Architecture  
c) Education  
d) Archaeology

What is a description of Lerner Variability?

a) All learners learn differently  
b) Only students with special needs learn differently  
c) All learners require the same support  
d) All learners acquire information at the same rate
A framework to improve and optimize teaching & learning for all

Define UDL: A framework to improve and optimize teaching & learning for all.

Traditional Education
- pedagogy focuses on the WHAT is taught
- focuses on one individual student
- classroom is fixed
- the teacher decides on how the material is going to be taught
- assignments has one way to complete it
- grades is used to measure performance

UDL
- focuses on both the WHAT and HOW
- accommodates all
- classroom is flexible
- teacher works with the student to decide how the student will learn the materials
- assignments have multiple ways
- grades reinforce the goals

approach to teaching that aims to give all students equal opportunity to succeed no matter their learning style.
A framework to improve and optimize teaching & learning for all

1. Define UDL
   A framework to improve and optimize teaching & learning for all

2. Syllabus Review
   Write and share with your ID

- was originally known as a table of contents
- informs the students the topics that a course will cover, the readings, assignments/projects and their due dates, and other basic information.

Important to ask and reflect:
- What information does my institution and program require for my syllabus
- What means will I use to determine whether my course is on track at any particular moment or whether it needs midcourse modifications?
- What other information is typically contained in any well written syllabus?
- **What is my ultimate goal in the course?**
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1. Define UDL
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2. Syllabus Review
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3. Course Mapping
   - Collaborating with your ID to course map your syllabus and discuss UDL principles

   - Listing the components of your course and alignment of the components with your learning objectives

Steps to Map your course:
1. Identify your course
2. Write course objectives
3. Identify your modules
4. Write module objectives
5. Indicate alignment between Module and course objectives
6. Cite your learning materials
7. List learning activities
8. List the assessments
Through participation in Frontiers of Leadership students will be able to:

1. Demonstrate an awareness and understanding of various leadership styles and approaches.
2. Articulate their personal leadership philosophy.
3. Connect leadership to social identities.
4. Identify the influences of leadership on identities such as race, gender identity, sexual orientation, class disability, nationality, religion and ethnicity.
5. Articulate and demonstrate ethical and moral decision-making skills.
6. Connect with various campus resources, learn more about their offerings and remain engaged beyond the end of the program.

**Announcements**
- Let's chat...
- Course Syllabus Frontiers of Leadership Spring 2018
- True Colors
- Community Learning Guidelines
- Group Project Event Proposal Worksheet
- Rubrics
- Glossary

**Week 1 February 12th: Discovering Leadership**
Exploring the definition, approaches, philosophy and styles of Leadership. *(Learning Objectives: 1 & 2)*
Students will begin to develop a personal definition of leadership and evaluate that definition based on their current leadership experience and knowledge. The Leadership Identity Model (LID) may be used as a guide.

- In class - Review course syllabus
- In class - Journals distributed
- In class - Introduction of book - Chapter readings due Feb. 19th
- In class - True Colors Leadership Profile Exercise
- View TED Talks - Discussion on Feb. 19th
- Leadership Reflection - what is your personal definition of leadership and what are you hoping to learn from this course. Due Feb. 19th
- Chapter Readings due Feb 19th
- Begin to create a vision board “What kind of leader do I aspire to be?” – boards will be distributed in class. Vision Board’s will be presented at our last class meeting.
- Read and Review: Article (see below)
- Begin working on resume
- OPTIONAL - Lynda.com Tutorial

**Leadership Identity Model**
Rethink Accessibility and Access

If you judge a fish by its 'ability' to climb a tree, it will spend its entire life believing it's stupid - Albert Einstein
Representation

- Perception
- Language and Symbols
- Comprehension
Rethink Accessibility and Access
Classroom Speedbumps

- Social Skills
- Values
- Intelligence
- Communication
- Gender
- Age
- Marital Status
- Interests
- Family Support
- Religious beliefs
- Race
- Culture

Intelligence
Where to begin...

Loui Lord Nelson’s process for getting started using UDL

Addie Kirkpatrick Model
Principles to managing speedbumps

- Representation
- Engagement
- Action & Expression
Engagement

- Recruiting Interest
- Sustaining Effort & Persistence
- Self Regulation
Action & Expression

- Physical Action
- Expression and Communication
- Executive functions
Rest Area - Bloom’s Taxonomy

Create
- iMovie, Voicethread, Animoto, Wiki, Podcasting, Blogging, Animation

Evaluate
- Blog, Wiki, Wordle, iGoogle, Google Maps, Zoho Show

Analyze
- Linking, Webspiration, Diigo

Apply
- Picasa, Jog the Web, SimplyBox, Google Apps

Understand
- NoodleTools, Noodle Bib, Zoho Notebook

Remember
- Highlighting, social bookmarking, Google Calendar, Diigo, Noodletools

Engagement

Self-Regulation

Representation

Action & Expression

Representation

Engagement
Announcements

Gradebook

Activities
- Assignments
- Chat
- Choice
- Interactive Content
- External Tool
- Feedback
- Glossary
- Lesson
- Quiz
- Scheduler
- Scorm
- Turnitin Assignment
- Wiki
- Workshop

Resources
- Book
- File
- Folder
- IMS
- Label
- Lightbox Gallery
- Page
- URL

Other Plugins:
- Poodl
- Turnitin
- TopHat
- H5P
- Echo360
- Turning Point
- Annotate
- ReadText

Moodle

Mahara

Groups
In Moodle...

Engagement

- Announcements
- Message Chats
- Discussion Forum
- Feedback options – files, audio/video
- Inline grading
- Scheduler
- Assignments – Due Dates
In Moodle...

**Representation**
- Embedded PDF
- MP4, MP3
- Images
- Glossary
- Wiki
- Blogs
- Quiz
- Different Roles for TA’s and Tutors
In Moodle...

Action & Expression

- Scheduler
- Calendar
- Multiple attempts for Assessments
- Video/Audio
- Feedback/Comments
- Inline grading
- Workshop
Let's review a Sample Course

moodle

Empowering educators to improve our world
Thank you...

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