



The Art Institute of IndianapolisSM

Course Syllabus
Summer Quarter 2012

IMD322- Designing for Dynamic Websites *Weekly Outline*

- Week 1:** **Date: 7-12-2012**
Review Syllabus
The importance of redundancy for a web developer: look at various cloud storage products.
A brief overview of dynamic websites and the technology behind them.
An introduction to content management systems.
Wordpress: How to do a manual self-hosted install (with the necessary MySQL, PHP, and FTP knowledge).
Introduction to using Wordpress, its uses, menus, tools, posts, pages, settings, etc.
Assignment:
Assigned Reading
Library Assignment Assigned
- Week 2:** **Date: 7-19-2012**
A look at the world of existing Wordpress web development: current design trends, plugins, and templates.
Intro to the Wordpress Codex
Learning the Loop
Assignment: Assigned Reading
Project 1 Assigned
- Week 3:** **Date: 7-26-2012**
Library Assignment Due (submit both in the eCompanion dropbox and through the transfer share the day of class)
Learning the Loop
Building a basic theme: template file structure
Assignment: Assigned Reading
- Week 4:** **Date: 8-2-2012**
Building a basic theme, CSS: Styling the sidebar, header & footer, and home page.
Assignment: Assigned Reading

- Week 5:** **Date: 8-9-2012**
Project 1 Due (be prepared to present your project to the class)
Building a basic theme, CSS: Continued
The client process in a CMS world: Designing easy-to-use back-ends to aide in customer-created website updates.
Assignment: Assigned Reading
Project 2 Assignment
- Week 6:** **Date: 8-16-2012**
TBA
Assignment: TBA
- Week 7:** **Date: 8-23-2012**
Advanced navigation styling and Wordpress Custom Menus
CSS3 and HTML5 Canvas in Wordpress
Assignment: Assigned Reading
- Week 8:** **Date: 8-30-2012**
Project 2 Due
Responsive and mobile layout design in the world of Wordpress.
Assignment: Assigned Reading
Project 3 Assignment
- Week 9:** **Date: 9-6-2012**
IDEA Surveys
The blog functions of Wordpress and creating custom blog pages
Assignment: Assigned Reading
- Week 10:** **Date: 9-13-2012**
Introduction to creating a plugin: utilizing jQuery and Javascript.
Assignment: Assigned Reading
- Week 11:** **Date: 9-20-2012**
Networked sites, site migration, selling Wordpress.
Assignment:
Project 3 Due