

Description

This course builds on the static website design skills learned in INLS 572 to develop dynamic, database-driven web applications. Students will gain experience with the technologies for developing dynamic content: web servers, scripting languages, and database. Experience with HTML and CSS is assumed, and familiarity with JavaScript is recommended.

Outline

- Introduction to dynamic web content
- Development servers (WAMP, MAMP, LAMP)
- PHP
- MySQL/SQLite
- JavaScript

Objectives

- Learn the core technologies for the development of dynamic and interactive websites and database-driven web applications
- Develop several practical web applications that integrate these technologies
- Develop a knowledge base that allows you to learn more about these web technologies and others, on your own

Resources

Required textbook:

Robin Nixon (2012). [Learning PHP, MySQL, JavaScript & CSS 2nd Edition](#)

Software: [Zend Server Free Edition](#) is a free, web development server that includes Apache, PHP, MySQL, and SQLite. Instructions on how to download, install, and use will be provided in class.