CS 4xxx Web Technologies
Proposed by Turgay Korkmaz and Kay Robbins

Course Outline:
Introduction to fundamental web technologies: Markup languages, Layout design, Client and server side programming, Database and web integration.

Objectives:
- To learn the key web technologies and understand how they interact with each other,
- To develop new web applications and services by using some of these technologies.

Topics:
1. Markup Languages (1 week)
   HTML, XHTML,
2. Layout design and organization (2 weeks)
   CSS (cascading style sheets)
3. Client Side Programming (1 week)
   JavaScript
   DOM & AJAX (2 weeks)
4. XML (1 week)
5. Server Side Programming (1 week)
   Java Servlets
   JSP (PHP, ASP, CGI, Coldfusion) (2 weeks)
   Web Services (e.g., SOAP) (2 weeks)
6. Database and Web integration (2 weeks)

Prerequisites
CS2413/1 System Programming and Recitation

Textbooks