U T D   CS/SE 6301.023 – Web Programming Languages

INSTRUCTOR:
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Office: ECSS 3.405
Office hours: TR 3:00pm-5:00pm

CLASS MEETINGS:
Sat 2:30pm-5.15pm
Location: JSOM 2.722

Course Description
Web Programming Languages course provides a detailed presentation and understanding of web architecture, standards, protocols, tools, and technologies. The course also introduces students to basic tools required for web programming including HTML, CSS, and JavaScript. The course will familiarize students with XML and database technologies, and server-side programming using PHP. We will also deal with advanced web programming architecture, web security protocols & standards, techniques and algorithms related to web services, cloud computing and semantic web.

Required Textbooks and Materials

1. Beginning Web Programming with HTML, XHTML, and CSS, 2nd edition
    Author: Jon Duckett
    Publisher: Wrox
    ISBN: 978-0-470-25931-3
2. Beginning JavaScript, 4th Edition
    Author: Paul Wilton and Jeremy McPeak
    Publisher: Wrox
    ISBN 978-0-470-52593-7

Many more reference books will be used to supplement the course contents.

Suggested Texts, Readings, & Materials
All materials as provided in class/class eLearning page.

Topics
Introduction to web architecture, standards, protocols, tools, and technologies
HTML and CSS
JavaScript
Database Technologies and SQL
XML Technologies
Introduction to Service Oriented Architecture (SOA) and Web Services
Designing and Implementing Web Services with SOAP
Web Security Protocols & Standards
Server-side programming with PHP
Semantic Web

EVALUATION:
Your grade for the course will be based on the following percentages:

Midterm	20%
Assignments	20%
Project	30%
Final Exam	30%

Course Policies

- Assignments should be turned in no later than the deadline announced by the instructor of this class. Turn in what is completed by the deadline for partial credit. No late submissions will be accepted.
- There will be no make-up exams.
- You should do your own work on exams/projects and for assignments. Copying another student's work is not acceptable. Any indication of cheating and/or plagiarism on an exam/assignment/project will be an automatic 0 (zero) for the exam/assignment/project for all students involved. Solutions copied from the internet, instructor's manual, etc. will be also given zero credit.
- Regular class attendance and participation is expected and is the responsibility of each individual. There is a strong correlation between regular class attendance and good performance. If a student should elect not to attend a class, (s)he is responsible for any handouts, announcements, reading material and contents of missed lectures.

See also UTD's policies at http://go.utdallas.edu/syllabus-policies

This syllabus is subject to change at any time at the discretion of the Professor.