# Web Application Development

MARAM ALDAKHEEL, AMARAM@KSU.EDU.SA

* A basic introduction to the Internet and WWW including HTML, URL and HTTP.
* Developing web applications with static and dynamic web content.
* Formatting web pages with tables, images, frames and CSS (Cascading Style sheets).
* Introduction to client side scripting such as JavaScript.
* Dynamic web content generation and introduction to server side scripting such as PHP, and ASP

.NET.

* Database connectivity to web applications.
* Fundamentals of Web 2.0 – the modern web applications.
* Basics of other relevant concepts and technologies such as XHTML, XML, Ajax, Web servers,
* Effective report writing and communication.



[Internet & World Wide Web How to Program (5th edition)](http://www.ebooksbucket.com/uploads/itprogramming/javascript/Learning_PHP__MySQL___JavaScript_With_jQuery__CSS___HTML5__4th_Edition.pdf) [Learning PHP, MySQL & JavaScript (4th edition)](http://www.ebooksbucket.com/uploads/itprogramming/javascript/Learning_PHP__MySQL___JavaScript_With_jQuery__CSS___HTML5__4th_Edition.pdf)

Developing Web Applications

* + By Ralph Moseley, Wiley-VCH Verlag GmbH & Co. KGaA, 2007

Web Application Architecture: Principles, Protocols and Practices. (2nd edition)

* + - by Leon Shklar and Rich Rosen, John Wiley& Son Ltd. 2009.

Ajax, Rich Internet Applications, and Web Development for Programmers

* + - By Paul J. Deitel, Harvey M. Deitel, Jan 2008

Web Technologies: A Computer Science Perspective

* + - By Jeffrey C. Jackson, ISBN: 0-13—185603-0

Various Web Resources

* 20% Quizzes
* 10% lab
* 30% Midterm exam
* 40% Final exam
* Be aware of plagiarism – don’t copy and hand in others work and claim credit
* Any plagiarism case will automatically receive “F” grade
* Reports and project documents will not be returned to students
* Regular attendance in the class is highly recommended- otherwise you miss the clue for exams
* No phone/ chatting during class time, any violation the student will be asked to leave the class.
* No talking or disturbing class mates.
* After 15 minutes of the class starting, you may enter. However, you will be marked absent!
* Contact using your KSU email address.
* Absence of 25% or more  not be allowed to enter the final exam.
* Medical excuses  not accepted for deducting the number of absence days.
* A medical excuse may only be used in the case that a student misses an exam.