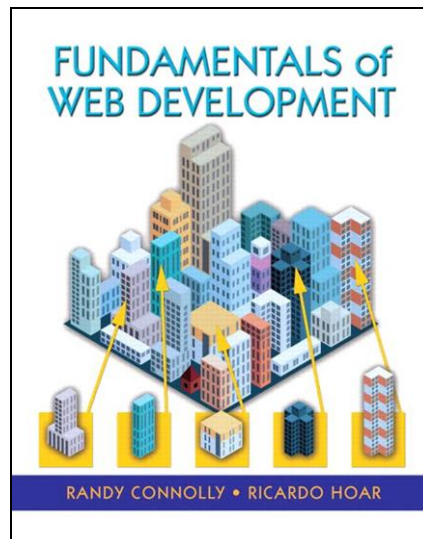


Sudan University of Science & Technology
College of Business Studies
Management Information System (MIS) Department



Web Development Course



Course Syllabus

13 LECTURES @3 hours

Course Details

<p>Course Description:</p>	<p>Fundamentals of World Wide Web (WWW) programming, including protocols, client-server interaction, markup languages, client-and server-side programming, databases, and remote procedure calls. Development of WWW sites with browser-based interfaces to remote databases. Students will incorporate scaling, throughput, and latency considerations in the development of widely-distributed systems.</p>												
<p>Course Objectives:</p>	<p>Students completing this course are expected to be able to:</p> <ul style="list-style-type: none"> ▪ Understand the unique aspects of web application design. ▪ Work in resource sensitive and resolution variant environments. ▪ Apply common patterns in web development. 												
<p>Course Grade Components:</p>	<table border="0"> <tr> <td>• Final Exam</td> <td style="text-align: right;">100</td> </tr> <tr> <td>• Midterm Exam</td> <td style="text-align: right;">20</td> </tr> <tr> <td>• Test</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Seminar or Project</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Attendance</td> <td style="text-align: right;">10</td> </tr> <tr> <td>• Lab Work</td> <td style="text-align: right;">50</td> </tr> </table>	• Final Exam	100	• Midterm Exam	20	• Test	10	• Seminar or Project	10	• Attendance	10	• Lab Work	50
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• Midterm Exam	20												
• Test	10												
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• Attendance	10												
• Lab Work	50												
<p>Course Material:</p>	<p>Randy Connolly and Ricardo Hoar, <i>Fundamentals of Web Development</i>, Addison Wesley, ISBN: 978-0-13-340715-0, 2015</p>												
<p>Contact Information:</p>	<p>Students may contact me at any time, during office hours. You can also meet with me when I am at the University. If I am free, I will meet with you without an appointment. Otherwise, you should request an appointment.</p>												

	Office: Laser Building 2 nd floor – Computer Center. Phone: +249 15566 1670 Email: abdelmonim@sustech.edu
Teaching Languages	Arabic – English.

Course Syllabus and Schedule:

Chapter 1 How the Web Works

Chapter 2 Introduction to HTML

Chapter 3 Introduction to CSS

Chapter 4 HTML Tables and Forms

Chapter 5 Advanced CSS: Layout

Chapter 6 JavaScript: Client-Side Scripting

Chapter 7 Web Media