

SULTAN QABOOS UNIVERSITY
COLLEGE OF SCIENCE, DEPARTMENT OF COMPUTER SCIENCE
COMP 1210: INTRODUCTION TO WEB SITE DEVELOPMENT
SPRING 2010

LECTURES: SATURDAY & MONDAY 8:00-9:50 - LAB19B
OFFICE HOURS: SAT & MON 10:30-11:30 & WED 12:00 - 12:50

Instructor: Dr. Abdullah Al-Hamdani **Room:** 0010

Extension: 1467

Email: abd@squ.edu.om

Credit Hours: 2 (0 – 4)

Textbook: Web Development & Design Foundation, Terry Felke-Morris, Addison-Wesley, 4th Edition, 2009.

References:

1. Internet & World Wide Web: How to Program, H. Deitel, P. Deitel, and T. Goldberg, Prentice Hall, 3rd Edition, 2004.
2. Head First HTML with CSS & XHTML, Eric Freeman and Elisabeth Freeman, O'Reilly Media, Inc., 2005.
3. An Introduction to Web Design and Programming, Paul S. Wang and Sanda S. Katila, Course Technology, 1st Edition, 2003.

Prerequisite by course:

1. COMP1200: Personal Computers and Software Packages.

Course Description:

The main objective of the course is to provide a practical experience in developing complete web sites with interactive contents for non-computer-science students. The course provides a basic introduction to the internet, web browsers, and search engines. It discusses the basics for constructing web documents, controlling web document layouts, web design, and creating web graphics and multimedia elements. It also deals with publishing web sites and provides an overview about web hosting communities.

Major Topics

Week	Topic	Chapter/Section
1 – 2	Introduction to the Internet and World Wide Web: Introducing the internet, WWW, standard and coordination, Web browsers, and search engine.	1
2 – 3	Constructing Simple Web Pages: Web document structure, web document validation, and Basic XHTML elements.	2
4 – 5	Controlling the layout of Web Pages: Types of cascading style sheets, using colors in web pages, and configuring text with CSS, and CSS validation.	3 & 6
6 – 7	Visual Elements and Graphics: Types of Graphics, creating web graphics using tools such as Adobe Photoshop, and using graphics in web pages.	4
8 – 9	Web Design: Web site organization, web site navigation, design principles, and page layout design.	5
9 - 11	Constructing Advances Web Pages: Advances XHTML elements and layout, using tables on web pages, and using XHTML forms.	7 – 9
12 – 13	Publishing Web Documents: Installing and managing web servers such as Microsoft Internet Information Services (IIS) or Apache Web Server, and web hosting providers and communities.	10 + Handout and Websites
14 – 15	Web Multimedia and Interactivity: Multimedia file types, using sound on a web page, and using video on a web page.	11

Assessment plan

Item	Date Out	Due Date	Marks
PRACTICAL EXERCISE 1	WEEK 3 – SUNDAY	WEEK 5 – SUNDAY	5%
PRACTICAL EXERCISE 2	WEEK 5 – SUNDAY	WEEK 7 – SUNDAY	5%
EXAM 1	WEEK 8 – S ATURDAY		40%
PRACTICAL EXERCISE 3	WEEK 8 – SUNDAY	WEEK 10 – SUNDAY	5%
PRACTICAL EXERCISE 4	WEEK 11 – SUNDAY	WEEK 13 – SUNDAY	5%
EXAM 2	WEEK 15 – MONDAY		40 %

Policy on late submission and Code of Ethics:

1. Late submission of assignments faces a penalty as follows:
1 - 24 hours: 20% of the score deducted,
24 - 48 hours: 50% of the score deducted, > 48 hours: 100% of the score deducted.
2. Students involved in copying will be **severely penalized**. A **zero mark** will be assigned the first time a student is caught involved in copying and his/her name will be added to a watch list maintained by the Head of Department. Further repeated involvement in copying will cause the student to get an **F grade** in that course. This is in line with the university academic regulations (see pages 36-37 of the 2005 edition of the university academic regulations booklet).