

Amman Al-Ahliyyah University
Department of Information Science
Internet & eCommerce programming 31182 (3 Credit Hours)
First Semester 2003/2004

Course Schedule: Sec. 1: 12.00 – 13.00 Sunday, Tuesday, Thursday, Room 1207.

Instructor: Dr. Ezz Hattab (ezz@softlab.ntua.gr)

Off. Hours : 10.00 – 11.00 Sunday, Tuesday, Thursday, Office 413.

Text : Deitel, Deitel and Nieto, **Internet & World Wide Web How to Program**,
Prentice Hall, ISBN:0-13-030897-8, 2nd ed., 2002

References:

1. Beginning Active Server Pages 3.0

David Buser et al.

2000

ISBN: 1-861003-38-2.

2.Beginning E-Commerce with Visual Basic, ASP, SQL Server 7.0 and MTS

Matthew Reynolds

2000

ISBN:1-861003-98-6

3.The XML Companion

Neil Bradley

2002

ISBN: 0 201 77059

4.Developing e-Commerce Sites

An Integrated approach

Vivek Sharma & Rajiv Sharma

2000

Goal of the Course:

This course is intended to give the student a broad range of scripting languages at both client and server side. At the course completion, students will have the know-how of designing and implementing interactive web-based applications, database-driven web sites, and session management.

Student Learning Objectives:

On successfully completing the module, the students are expected to have gained good knowledge of:

- Understanding the concept of scripting.
- Building simple web-based applications.
- Building interactive web-based using various types of application servers.

- Building a web content management system; storing all content in a database.
- Learning to evaluate, select, and implement Web applications.

Study Plan-Course Description:

Credit Hours: 3

Prerequisite: 31381

The course involves two main parts: Client-side programming (i.e., XHTML, XML, JavaScript and VBscript) and server-side programming (i.e., Web servers, ASP and ADO).

Outline of the Material:

Week	Chapter	Topics	Classes
1	All sections of Ch. 04 All sections of Ch. 05	Client-side programming: XHTML Headers, Linking, Images, Lists, tables, frames	3
3	All sections of Ch. 07 All sections of Ch. 08	Client-side programming: JavaScript & VBScript Control structures I	3
4,5	All sections of Ch. 09 All sections of Ch. 10	Control structures II Functions	6
6,7	All sections of Ch. 11 All sections of Ch. 12	Arrays Objects	6
8,9	All sections of Ch. 13, 14	Object and Event Model	6

10	All sections of Ch. 24	VBScripting	3
11	All sections of Ch. 21	Server-side programming: Web servers (IIS, PWS and Apache)	3
12,13	All sections of Ch. 25	ASP Object model File System Object Session Tracking and Cookies ADO	6
14	All sections of Ch. 26	ASP and XML	6
Total Number of Classes:			42

Teaching/Learning Methodology:

1. Lectures.
2. Some handouts.
3. Assignments and computational activities.

Evaluation:

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| 1. First Exam: | 13 / 11 / 2003 | 20% |
| 2. Second Exam: | 18 / 12 / 2003 | 20% |
| 3. Sharing, Activities & Assignments | | 10% |
| 4. Final Exam | 17/ 01 / 2004 | 50% |