

Arab Academy For Banking And Finance
Degree Of Higher Diploma And Master In Information System
The Course Outline of Developing e-Commerce System

Course Schedule: 16.00 – 19.00 Sunday.

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

References:

1. www.w3schools.com

2. **Beginning Active Server Pages 3.0**

David Buser et al.

2000

ISBN: 1-861003-38-2.

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

Matthew Reynolds

2000

ISBN:1-861003-98-6

4. **The XML Companion**

Neil Bradley

2002

ISBN: 0 201 77059

5. **Developing e-Commerce Sites**

An Integrated approach

Vivek Sharma & Rajiv Sharma

2000

6. **Web Site Engineering**

Thomas A. Powell, 1998

ISBN: 0-13-650920-7

7. **Internet & World Wide Web How to Program**, Prentice Hall, ISBN:0-13-

Deitel, Deitel and Nieto,

030897-8, 2nd ed., 2002

Goal of the Course:

E-commerce systems are no longer an option for progressive organizations. Leading edge sites build web content dynamically based on interaction with the customer, insuring content presented is consistent with customer needs and corporate goals. This course is designed to provide the student with a basic level of competency and exposure to the latest techniques in e-commerce development. It covers new technologies and tools that are being used to move sites from static to dynamic web page development. The course begins with web programming essentials, which includes work with HTML, XHTML, XML and CGI. Technologies such as Active Server Pages, .NET, VB Java Scripting, Cold Fusion, MS Internet Information Server, Apache Server, and Web database connectivity are also explored.

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.

Outline of the Material:

Week	Subject	Topics	Classes
1	Overview	Web Building, Web W3C, Web Browsers, Web Software, Web Graphic, Web Careers, Web Hosting, Web Certification.	3
2	HTML	HTML, XHTML, and CSS	3
3	XML – part 1	XML, XSL, DTD, DOM, WAP.	3
4	XML – part 2	Schema, Xpath, Xforms, SOAP, WSDL, XMLSpy	3
5	Browser Scripting - part 1	JavaScript & VBScript	3
6	Browser Scripting – part 2	DHTML & WMLScript	3
7	Server Scripting	ASP	3
8	Mid Exam	Mid Exam	3
9	Server Scripting	ADO	3
10	.NET (dotnet)	.NET Microsoft .NET ASP	3
11	.NET Mobile	.NET Mobile	3
12	Multimedia	Media Flash	3
13	Projects	Project Presentations	3
14	Projects	Project Presentations	3
15	Final	Final Exam	3
Total Number of Classes:			45

Evaluation:

1. Mid Exam: 30%
2. Term Paper/System: 20%
3. Final Exam 50%