

**MSIS 4133 – Information Technology E-Commerce  
Course Syllabus-Spring, 2008**

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**Class Web Site:** Desire2Learn

**Office Hours:**

**Prerequisites:** MSIS 2103, 3303, 4013 or consent of instructor.

**Required Texts:**

(1) *Electronic Commerce* by Schneider, 7th Edition, 2007 Copyright by Course Technology.

(2) *Murach's ASP.NET 2.0 Web Programming with VB 2005*, by Boehm and Lowe, 2006, by Murach Publishing. (This text will serve as our reference manual for ASP.NET 2.0 concepts and applications).

(3) Additional selected readings will be assigned from numerous sources including our class Web page and Web sites for HTML, XML, ASP.NET 2.0, ADO, SQL. Etc. The class web site will include many valuable tutorials, links, and examples.

**Course Description:** We will examine the infrastructure of EC and the technologies that are used to implement online business activities. Web and Internet commercialization requires dramatic shifts in established business practices and models of the past. Strategies, competitiveness, and the need to integrate existing information systems into new and effective web based models are all prominent examples of the reengineering processes that are taking place in industry today.

**Course Format:** The overall format of the class is discussion, lab tutorials, lab assignments, and projects with time for presentations. Web programming applications to server technologies using HTML, ASP.NET, VBScript, SQL, ADO.NET, JavaScript, Visual Studio, and data base apps will be explored and built.

**Attendance:** Participation and questions are essential ingredients of any learning environment. Therefore, attendance is expected and necessary so we can have productive class sessions and discussions. If it becomes necessary to miss a class session, get notes and materials from a class friend.

**Assignments:** This course is rigorous to the extent that a **significant amount of time** is required to complete "out of class time" assignments. Projects, case problems, outside readings, and presentations will be assigned throughout the duration of the course. **IT IS ASSUMED THAT YOU WILL READ THE ASSIGNED TEXTBOOK CHAPTERS and/or Web readings PRIOR TO CLASS!!** Class time will be devoted to discussion, and lab sessions. You are responsible for all readings on the due date whether discussed in class or not.

**Course Objectives:** This course will examine the significant technology elements of electronic commerce. This includes the multitude of technical and business aspects of designing, building, and managing EC applications through web and database integration. Students will design, develop, and implement Web to data base applications.

**Tentative Grading Scale:**

Exam I	25%
Exam II	25%
Exam III	25%
Quizzes (5, Drop 1)	5%
Team Project	15%
Web and Internet Assignments, ET, Program, etc.	5%
Total	100%

90%	- A
80%	- B
70%	- C
60%	- D

**Web Based Emerging Technologies Project:** Review the Murach text and select a topic from those identified on the assignment handout and thoroughly research the topic you select. Prepare a 3 page, 12 font, double spaced report with references. Develop a 15-20 minute PowerPoint slide presentation for the class presentation. A signup sheet will be distributed in class.

**Internet, Web, Programming Assignments:** There will be Internet and Web application development assignments, tutorials, and case problems designed to improve your skill and knowledge with new technologies. VBScript, ASP.NET 2.0, SQL, ODBC, and ADO programming skills for client to server side applications will be introduced for the development of dynamic web to database experience. Each assignment will provide you with practice using the Web as a valuable resource for designing and applying Web applications and software. HTML programming and HTML forms creation and implementation will be utilized. The OSU server will be used for these assignments. Software and coding will not specifically be taught in class; it is assumed that you can acquire ample knowledge via tutorials and a little time spent in the lab, home computer, and Internet.

**Team Class Project:** The class will be organized into teams for working on a team semester project. First, each team will discuss and select a project and then clear them with me prior to beginning work on the project. Each team will design, develop, and implement an e-commerce business system that includes significant back-end DB integration with front-end Web technology. Teams will make a 20-25 minute project presentation in class on a date selected at the end of the semester. **All team members are expected to participate in all activities of the project including preparation and presentation.** Each team member is graded individually. Potential project topics will be identified and discussed in class. You can use any acceptable Web Host to host your project or the OSU server.

**Examinations:** Examinations will include material from textbook reading assignments, tutorial materials, handout material, classroom discussions, project materials, and other miscellaneous assignments.

**Special Needs:** "According to the Americans with Disabilities Act, each student with a disability is responsible for notifying the University of his or her disability and to request accommodations

**Honesty:** Academic dishonesty (which includes any form of cheating) will result in a grade of "**F**" for the course.

**Comments:**

1. All digital media submitted for grading must be securely attached within a folder.
2. You may turn in assignments early, but you will lose 20% per calendar day for submitting assignments late. Assignments will be accepted up to one week following the due date. After this period, assignments will not be accepted for credit. No exceptions are made.
3. The **final exam** will be taken **only at the scheduled time for your section**.
4. Do not read the newspaper during class.
5. You will get out of this course only what you are willing to put into it.
6. No cell phones or beepers.
7. We are going to have an interesting, active learning semester.

Syllabus Attachment:

<http://osu.okstate.edu/acadaffr/aa/syllabusattachment-Spr.htm>

### Tentative Schedule

Week	Date(Week of)	Topic	Assignments Due (Thursdays)
1	Jan 7	Ch. 1-Intro to EC	
2	Jan 14	Ch. 2- Technology Infrastructure & Ch 3-Models & Building a Web Presence & HTML	Sign-up for Emerging Technologies HTML PP Slide Series 1 <a href="http://www.w3schools.com">www.w3schools.com</a>
3	Jan 21	Ch. 8-Web Server Hardware & Software HTML Lab Day (Jan. 24) HTML PP Slide Series 2 -Forms	Select Project Teams HTML Assignment 1 Due Ecommerce Server Intro
4	Jan 30	Ch. 5-B2B Strategies: From EDI to EC Class Lab 1 & HTML-SSB Lab - (Jan. 31)	Visual Studio HTML Assign 2 (Forms)
5	Feb 4	<b>Exam I (Thursday, Feb 7)</b> Chapters 1-4 of Murach text, ASP.NET 2.0	Teams Identify Web Host Co.
6	Feb 11	Ch. 7-The EC Environment Intl., Legal, Ethical & Tax Issues	ASP.NET Materials (PP S1 & S2) <a href="http://www.brinkster.com">www.brinkster.com</a>
7	Feb 18	ASP.NET & DB- <a href="http://aspnet.4guysfromrolla.com/articles/110905-1.aspx">http://aspnet.4guysfromrolla.com/articles/110905-1.aspx</a> Ch 9-EC Software ASP.NET & ADO.NET Team Project Day (Feb. 21)	ASP.NET Assignment #1 & #2 -DB Connection
8	Feb 25	ASP.NET Class Lab 2 & ASP, (Feb. 28)	Review SQL Tutorial <a href="http://www.w3schools.com">www.w3schools.com</a>
9	Mar 4	ASP.NET & ADO.NET ASP.NET & VBScript <a href="http://webwizguide.com/asp/default.asp">http://webwizguide.com/asp/default.asp</a>	ASP.NET #3
10	Mar 11	<b>HTML &amp; Exam II (Thursday, Mar 6)</b> ASP.NET Continue VBScript Ch. 10- to EC Security Class Lab 3, (Mar. 13)	ASP.NET #4
11	Mar 18	<b>Spring Break</b>	
12	Mar 25	Ch. 10-Implementing EC Security ASP.NET/VBScript Systems for EC	ASP.NET #5
13	Mar 31	Team Project Day	
14	Apr 7	VBScript/ASP.NET	
15	Apr 14	Project Presentations	Team Projects Due
16	Apr 21	Project Presentations & Prelims	
17	Apr 28 – May 2	<b>Exam III Ch. 10 &amp; ASP.NET, VBScript - Finals Week</b>	

**\*\*Due to the rapidly developing nature of EC, assignments may be added and changed as the semester progresses.**