

Course: **MS-395 E-Business Technologies (Section 001)**

Lecture: Mon, Tue, Thrs: 11:00am – 11:50am in R-201

Instructor: Dr. Jeffrey Blessing

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Office: R-305

Hours: Mon – Thrs: 10:00am – 10:50am and 2:00pm – 2:50pm

Fri: 2:00pm – 2:50pm, and by appointment.

Phone: 277-7194

Text: *Internet & World Wide Web, How to Program 3<sup>rd</sup> Ed.*, by Harvey Deitel & Paul Deitel, Prentice Hall, 2004, ISBN #0-13-145091-3

Description: Today's businesses are global in nature. An Internet presence is essential to the marketing and sales efforts of any organization. Network technologies allow virtual storefronts to compete with traditional brick-and-mortar sales vendors. Unfortunately, this technology comes with a steep price; the amount of computing technologies can be staggering. This course examines a requirement to produce a "Web presence" using a number of tools and technologies. It emphasizes that the business model, expressed as use-case requirements, has to be satisfactorily completed prior to embarking on a development project. An overview of e-business technologies will be covered, along with the building of an e-business site.

Objective: This course is designed for web designers and programmers who have taken previous courses in HTML, databases and object-oriented programming. Topics to be covered are described on the Course Outline and Class Schedule, which are posted on the course web page.

Prerequisites:

1. MS-273 Web Design (HTML and CSS)
2. MS-373 Advanced Unix and Systems Administration
3. MS-483 Database Management Systems
4. A laptop computer with a working Java Development Kit
5. Access and knowledge of using browsers on the World Wide Web.

Grading: Programming Assignments 40%  
Weekly Quizzes (every Thrs) 30%  
Final (week 11) 30%

No incomplete grades or makeup exams will be given without very extenuating circumstances

Attendance: Although not reflected in the grading for this course, attendance is strongly encouraged. If chronic absenteeism is a problem, attendance will be taken. Exam material will come from both the text and class discussions. **Note:** Students will NOT be automatically dropped from the roster if 3 successive classes are missed.

(over)

Students wishing to drop this course must file a drop form with the Registrar's Office by 4:30pm on Monday of week 8.

**Late Policy:** Assignments are due at the beginning of the class period that was designated as their due date. A 10% penalty will be assessed for each day an assignment is late.

**Topics:** *See the Course Outline and Class Schedule on the course home page.* In general, any MSOE course can be browsed for content and objectives at the following URL:

<http://www.msoe.edu/eecs/cese/courses/courselist.php>