COURSE SYLLABUS

Course   COAP 3110   **Title**   INTERACTIVE SITE DEVELOPMENT

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Term   Fall II, 2002   **Site**   Webster, Vienna

1.   COURSE DESCRIPTION

This course provides an introduction to Web site development using Microsoft's Visual Studio .NET / Microsoft's ASP.NET Web Matrix. The student will learn how to set up and use the .NET framework for Web sites with dynamic information from databases. The tool for the .NET framework will be used to design HTML pages and Active Server Pages (ASP using server-side VB-Script) for a real world project. Also, the free Web scripting language PHP will be introduced. The course is designed for students with advanced knowledge in Web site development who want to apply their skills to a real word project in a team. It involves analysis, design, programming as well as a professional presentation of the project results.

2.   INCOMING COMPETENCY OF STUDENT EXPECTED BY INSTRUCTOR

Students must have a good knowledge of Web page development with HTML, understand databases and SQL, and have general programming knowledge. Prerequisite course: COAP 3000.

3.   COURSE STATEMENT OF OBJECTIVES

This course will assist the student in understanding how to apply the whole range of Web technology learned in the Web site development program in order to complete a real world project using professional tools.

4.   COURSE SCHEDULE (all classes are on Wed. and Fri. 9:30-11:30)

Week 1 Introduction to the Project & Team Building

Week 2 Short Introduction to the used Development Tools
        The problem statement and analysis document is due (description of what problem the developed
        system will solve)

Week 3 Working on the Project
        Design document is due (database, needed static and dynamic pages, other needs)

Week 4 Working on the Project

Week 5 Working on the Project
        First prototype has to be presented

Week 6 Working on the Project
        Prototype review

Week 7 Working on the Project
        Prototype review

Week 8 Project Presentation
        Presentation to the "customer". Students should use professionally prepared slides using a
        presentation package, e.g. PowerPoint.

5.   PROJECT PRESENTATION
The projects will be presented to the "customers" in week 8. The customers will decide which team wins
based on the professional presentation, the documentation and the prototype.

6.   REQUIRED TEXT BOOK
        Mike Morrison, Joline Morrison: *Database-Driven Web Sites*
        ISBN: 0-619-01556-X

7.   COURSE REQUIREMENTS

		% of grade
1)	Class Participation	10
2)	Analysis Document	20
3)	Design Document	20
4)	Prototype Implementation / Documentation	40
5)	Presentation	10

Course %	Course Grade
93 - 100	A
90 - 93	A-
87 - 90	B+
83 - 87	B
80 - 83	B-
77 - 80	C+
73 - 77	C
70 - 73	C-
67 - 70	D+
60 - 67	D
< 60	F

MISSED CLASSES, PARTICIPATION AND THEIR EFFECTS ON YOUR GRADE

I know that absences are sometimes unavoidable due to sickness, business travel etc. However, we have only 32 hours of class time, so Webster policy dictates that each class missed without pre-arranged make-up work will cost you ½ of a letter grade, i.e. <u>you will lose 5% of your grade for each class missed unless you arrange make-up work with me beforehand</u>. You will not be able to make up completely for the absence, since you will have missed all discussion and interaction in the class itself, but you can make up some of the loss. I therefore urge you to contact me in advance if you are forced to miss a class and arrange how you can make up for the absence. Failure to do so will result in an unexcused absence. Normally the make-up will involve the preparation of a paper about the missed topic.

8.   FINAL GRADES

The final grades will be sent by e-mail to the students.

Michael Hahsler: COAP 2120 Syllabus
COAP2120_May2002.doc
Reviewed 2002-05-21/Approved 2002-10-08 by Brian Lewis