

ITSE 1401 Web Design Tools

General Syllabus

Spring 2012

(Note: This general syllabus presents only general course information for nonregistered students)

Last revised: 12/02/2011

Instructor Information

Name & Title

T. M. Smith, Ph.D.
Professor, Computer Studies and Computer Science



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Office Hours

Office Hours – Spring 2012 January 17 – May 10		
Location	Days	Time
SAC (South Austin) Rm 1207.1	M, Tu, W, Th	10:45am – 12:00pm

Course Description

“Designing and publishing Web documents. Course includes graphic design issues and exploration of tools available for creating and editing Web documents.” (College Catalog description)

Prerequisite

You must have competency in file management and using computer applications. If you do not meet these prerequisites, then you must obtain departmental approval.

Course Rationale

This course is a beginning course about web page/site development and is a required course in the Web Programming A.A.S. Degree Program and the Web Developer Specialist Certificate.

Instructional Methodology

The instructor delivers the in-class section of this course by lecture/demo (50%) and lab practice (50%).

Learning Outcomes / Objectives

At the completion of this course, with the use of a Web development software tool, students should be able to:

- Apply Web design concepts and techniques to plan, create, test, publish, and manage Web sites.
- Compare & contrast various web development tools.
- Use the systems design approach to design web sites with the following steps:
 - Define the purpose.
 - Identify the audience.
 - Design the content.
 - Design the web site theme and navigation structure.
 - Design & develop the Web pages including:
 - Hyperlinks
 - Lists
 - Tables
 - Frames
 - Forms
 - Images
 - Dynamic effects.
 - Evaluate the web site & web pages.
- Identify, not create, XHTML elements and JavaScript code on web pages.

Scans Competencies

C8	Uses computers to process information.
C16	Monitors and Corrects Performance: Distinguishes trends, predicts impacts on system operations, diagnoses systems performance, and corrects malfunctions.
C17	Improves or Designs Systems: Suggests modifications to existing systems and develops new or alternative systems to improve performance.
C18	Selects Technology: Chooses procedures, tools, or equipment, including computers and related technologies.
C19	Applies Technology to Task: Understands overall intent and proper procedures for setup and operation of equipment.
C20	Maintains and Troubleshoots Equipment: Prevents, identifies, or solves problems with equipment, including computers and other technologies.
F3	Arithmetic: Performs basic computations; uses basic numerical concepts such as whole numbers, etc.
F4	Mathematics: Approaches practical problems by choosing appropriately from a variety of mathematical techniques.
F5	Listening: Receives, attends to, interprets, and responds to verbal messages and other cues.
F8	Decision Making: Specifies goals and constraints, generates alternatives, considers risks, and evaluates and chooses best alternative.
F9	Problem Solving: Recognizes problems and devises and implements plan of action.
F10	Seeing Things in the Mind's Eye: Organizes and processes symbols, pictures, graphs, objects, and other information.
F17	Integrity/Honesty: Chooses ethical courses of action.

Textbooks

Textbook #1

Web Design: Introductory Concepts and Techniques, 3rd Edition

Authors: Shelly, Napier, & Rivers.

Publisher: Course Technology, Cengage Learning, 2009.

ISBN-13: 978-1-4239-2718-1

ISBN-10: 1-4239-2718-4

Make sure you purchase the 3rd edition, NOT the 2nd edition NOR the 4th edition.



Textbook #2

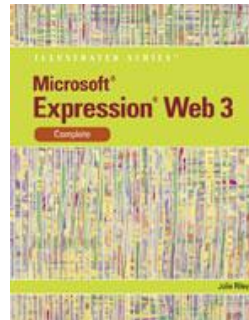
Microsoft Expression Web 3 – Illustrated Complete

Author: Julie Riley.

Publisher: Course Technology, 2011.

ISBN 13: 978-0-538-74955-8

ISBN 10: 0-538-74955-5



Course Schedule

Week	Topics
1-6	Web Design (Chapters 1-4)
6-10	Web Design (Chapters 5-7)
1-6	Expression Web (Units A-D)
7-11	Expression Web (Units E-H)
11-13	Expression Web (Units I-L)
13-16	Expression Web (Units M-P)

Course Grade

Students' final course grade is the average of web design and development Exams and Lab Projects.

- Web Design – 2 Exams (multiple choice questions)
- Web Development – 4 Exams (multiple choice questions)
- Web Development – 4 Lab Projects

Exams

- Exams are **not** cumulative in content, i.e., the first exam covers the first section of the course content, the second exam covers the second section of the course content, etc.
- There is no cumulative final exam.
- Exams are **closed-book** exams.
- Exams contain multiple choice questions.
- Exams cover material from the textbook chapters.
- **Time limit: 1 hour 40 minutes**

In-class sections: You will take the exams on scheduled days during class time.

Distance sections: You will take the exams in any of the ACC Testing Centers on or before their respective deadline dates.

You are able to see your exam grades in the Blackboard (Bb) course management system.

Lab Projects

Lab Projects are open-book, web development skill projects. Students will independently complete the projects and then submit their project files to Professor Smith via Blackboard's Digital Dropbox. Students will be able to see their Lab Project grades in the Blackboard course management system.

Course Policies

Time Expectation

Professor Smith informs you that you should expect to spend approximately 2 hours of time doing course work outside of class for each 1 hour of in-class time per week.

Fall & Spring semesters

16 week Course	In-class Sections			Distance Sections
	Class Time (Weekly)	Homework Time (Weekly)	Total Time (Weekly)	Total Time (Weekly)
ITSE 1401 Web Design Tools	5 hr	10 hr	15 hr	13 hr

You should schedule the total amount of hours each week on your calendar. If you choose not to work on this course the expected number of hours, then you should **withdraw** from this course.

Attendance (In-class Sections)

Professor Smith expects you to attend every class of the semester. If you have an emergency that conflicts with class, then Professor expects you to contact him before class to inform him of your absence. Professor Smith expects you will work in class for the entire duration of the class time. If you have an emergency that requires you to leave class early, then Professor Smith expects you will inform him of your need to leave class.

Course Withdrawal

If you withdraw from the course and complete the appropriate withdrawal form at the Admissions Office, then you will receive a "W" grade. However, **do not** rely on Professor Smith to withdraw you from the course. It is your responsibility to administratively withdraw from the course to receive a "W" grade. You will receive a "W" grade, if you initiate a withdrawal through the Admissions and Records Office prior to the withdrawal deadline date. After this date, you may **not** withdraw and you will receive a grade of A, B, C, D, or F depending on your level of achievement. If you miss the withdraw deadline, then Professor Smith will **not** request a waiver of the College policy and he will **not** request a retroactive withdrawal. Professor Smith reserves the right, but not the duty, to withdraw you from the course for absenteeism over 10%, missed exams/assignments/projects, lack of progress, or you show no course activity in the first week of class.

The Web Design Tools course is a 4 credit hour, time intensive course. It is very important for your learning that you are successful from the very beginning of the course. You must complete the assignments as soon as the semester begins if you are to be successful. **If you do not show progress during the beginning of the course by submitting the Orientation Form & completing the first 3**

assignments on or before their deadline dates, then Professor Smith will withdraw you for lack of progress.

ALERT: New state law for new students. No more than **six course withdrawals** throughout your undergraduate education, regardless of how many colleges you attend. Students who entered college before fall 2007 are not affected. Ask a counselor for details.

Academic Dishonesty

Exams

Cheating on an exam results in a zero (0%) grade for the exam. Professor Smith also will inform the Director of Student Services of the incident. Receiving help from anyone or giving help to another student will result in a zero (0%) grade.

Lab Projects

Lab Projects are **open-book** assessments. You may **only** use your textbook and notes. You may **NOT** receive help from another person. You may **NOT** work collaboratively with another person. If Professor Smith determines that you received assistance from another person or gave assistance to another student, then he will assign a grade of zero to you for this project.

Retesting & Extra Credit

Professor Smith does **not** allow retesting nor extra credit work to raise your grade.

Incomplete Grades

Department Guidelines for Incomplete Grades - You may receive a temporary grade of "I" (Incomplete) at the end of the semester only if you meet the following conditions:

- You are unable to complete the course during the semester due to circumstances beyond your control.
- You must have earned at least half of the grade points needed for a "C" grade by the end of the semester.
- You must make the request for the "I" grade in person at the instructor's office and complete the necessary documents. You must also bring to the instructor supporting documentation such as a physician's statement.
- To remove an "I" grade, you must complete the course by two weeks before the end of the following semester. Failure to do so will result in the grade automatically reverting to an "F".

Students with Disabilities

Students with disabilities who believe that they may need accommodations in this class are encouraged to contact the Office of Students with Disabilities (OSD) as soon as possible to better ensure that such accommodations are implemented in a timely fashion. The OSD will complete the **Approved Accommodations & Academic Adjustments** form. You **must** present this completed form to Professor Smith so he knows what accommodations and adjustments to make to accommodate your disabilities. You **must** do this at the beginning of the semester. You should expect a reasonable amount of time for Professor Smith to make changes to the course to accommodate you.

ACCmail

Professor Smith will communicate all course related information to students through their ACCmail accounts. He expects students will check their ACCmail accounts for new mail on a daily basis. The ACC Helpdesk is the primary resource available to students with questions about the ACCmail program in general and individual accounts specifically.

Required Contacts (Distance Section only)

The State of Texas mandates that you to have at least two contacts with the instructor as a course requirement during the semester. In addition to completing the online orientation, you must make two

contacts with Professor Smith either in person, by telephone, or by e-mail. You must make at least one of these contacts by midterm. Your submission of the online orientation form counts as one contact. If you haven't made contact with Professor Smith by this time, then you run the risk of having Professor Smith withdraw you from the course. See the Course Policies regarding course withdrawals.

Freedom of Expression Policy

The department faculty expects each instructor and student to respect the right of others to express their views related to classroom discussions.

Student Privacy of Files

For academic purposes an instructor may view a student's information that he/she stores in his/her student volume in the Computer Studies Labs.

THE END