

IT 3132 - Web Software Fall 2008 Syllabus

Contact Information:

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Office Hours: M, W 1:30 – 3:00 pm
Or by appointment

Textbooks:

The Web Collection Revealed Premium Edition: Adobe Dreamweaver CS3, Flash CS3 & Photoshop CS3, ISBN 978-1-4283-4083-1, Course Technology.
Don't Make Me Think, 2nd Edition by Steven Krug. New Riders, 2006, ISBN 0-321-34475-8.
Additional readings will be from the WWW or other resources.

Additional Resources

Web resources:

- Adobe Web Premier CS3. <http://www.adobe.com/products/studio/>
- Computer Based Training (CBT) Café. <http://www.cbtcafe.com/dreamweaver/>
- Copyright and Fair Use. Stanford University Libraries. <http://fairuse.stanford.edu/>
- Course Technology. <http://www.course.com>

Software:

- Adobe Web Premier CS3 is the software used to perform most website development for course assignments and projects.
- Firefox web browser in addition to IE.
- A copy of FTP software for transfer of files to the web. You may select any FTP program you wish, however you are responsible for familiarizing yourself with your selected FTP client. You may download a free trial version of WinSCP at <http://winscp.net/eng/download.php>.

Storage

- At least 1 (preferably 2) flash/thumb drives to save your lab work and other assignments. Please bring one with you to class for saving any in-class exercises.

Course Description

This course provides a survey of advanced web software tools used in the development and deployment of web-based systems. The course includes the use of web authoring, animation, and graphical tools.

Commercial web applications frequently utilize advanced tools that support the rapid development and deployment of web-based systems. A knowledge and use of these tools provides the IT professional with the skills to become immediately productive. IT 3132 Web Software, which is an advanced course in the subject for students majoring in Information technology, has two primary objectives. First it provides the student with knowledge of software tools for developing multimedia enhanced web sites. The course provides a survey of advanced web software tools

used in the development and deployment of web-based systems. Second, it prepares the student for work in team-based organizational structures. These two themes serve as the foundation on which the course is built.

Course Prerequisite

A minimum grade of “C” in IT 3131 (Web Application Design and Development).

Objectives/Learning Outcomes

1. Identify, describe, select and use web software tools for developing a website with multimedia content.
2. Identify challenges in the design, implementation, delivery, and support of major web-based applications.
3. Assess and recommend solutions that meet an organization’s web-based information requirements.
4. Identify and explain issues that affect international use of information technology.
5. Recognize and describe the challenges (technical, managerial and organizational) of change management.
6. Demonstrate an understanding of new technologies and evaluate their use for an organization’s information delivery strategy.
7. Contribute appropriately to collaborative project assignments and case analysis.
8. Recognize the importance of effective oral and written communication skills.

Relation to overall degree objectives:

3. Identify and define the requirements that must be satisfied to address the problems or opportunities faced by an organization or individual;
4. Identify and analyze user needs to design effective and usable IT-based solutions and integrate them into the user environment;
6. Identify, evaluate, and use current and emerging technologies and assess their applicability to address individual and organizational needs;
8. Work effectively in project teams to develop and/or implement IT-based solutions;
9. Communicate effectively and efficiently with clients, user and peers, both orally and in writing;
10. Demonstrate independent critical thinking and problem solving skills;
11. Demonstrate an understanding of the impact of technology on individuals, organizations and society, including ethical, legal and policy issues;

Grading Policies

- Your grade will depend on your performance in the following activities:

Group Project	25%
Assignments	12%
Labs	12%
Exam 1	16%
Exam 2	15%
Final Exam	15%
Participation	5%

- Letter grades will be determined by a weighted average of the activities listed in the previous bullet point and will be awarded based on the standard scale: 90%+= A, 80%+= B, 70%+= C, 60%+= D, below 60% = F.

Final Exam Date and Time

- December 8, 3:00 pm – 5:00 pm.

Course Policies:

1. Participation: Participation (contribution to discussions) is of the utmost importance for success in this course as exams and quizzes are based on the material in the text as well as the material covered in class.
2. Exams: There will be two exams and a final exam addressing the material covered throughout the course. Exams will consist of various types of questions including multiple choice, true/false, short answer, essay, and programming questions. There are no exam make-us.
3. Assignments: There are 3 individual assignments in the class with one assignment each for Dreamweaver, Photoshop, and Flash. Assignment may be evaluated in class.
4. Group Project: There will be a team project involving the design, implementation, delivery and support of a real-world multimedia website to be developed in a group work environment. A project description will be provided later in the semester. **Projects submitted after the due date will receive a grade of zero.**
5. Writing Guidelines: The APA style manual is the citation style guide students will be expected to follow for written assignments. For additional information on citation style guides please see the Henderson Library website.
6. Academic Dishonesty: Academic dishonesty is not acceptable. The Academic Misconduct Policy is given in the *Georgia Southern Student Conduct Code Policies and Procedures*. Please read the policy and procedures dealing with Academic Misconduct and the Procedures for Academic Misconduct cases. The minimum penalty for academic dishonesty on a homework/quiz/exam/project/report is a grade of zero on the work for which the infraction occurred.
7. Special Needs: In accordance with the 1990 Americans with Disabilities Act, if you need special accommodations, please contact me immediately.
8. Classroom Etiquette: As a courtesy to others, please silence all electronic devices during class. Turn off all cell phones and pagers. Please do not use computers during class for extra-curricular activities. Please refrain from arriving to class late, departing class early and exiting/entering class at your leisure as these actions are considered poor classroom etiquette. Due to students arriving late, you are not welcome to enter the class more than 5 minutes after the class starting time.
8. Class Attendance: The GSU policy on attendance per the 2005-2006 Course Catalog follows: Each professor has the responsibility for setting specific policies concerning class attendance. Professors should clearly state policies to each class and make clear what constitutes excessive absences. Departments may establish policies concerning class attendance provided there is unanimous agreement by faculty members within the department. The student is responsible for all material presented in class and for all announcements and assignments whether or not the student is in attendance.
The University does not issue an excuse to students for class absences. In case of absences as a result of illness, representation of the University in athletic and other activities, or special situations, instructors may be informed of reasons for absences, but these are not excuses.

For this course, the following attendance policy is in effect. Attendance in class is required. Students missing more than 3 classes will have their final grade for the course dropped 1 letter.

Missing more than 6 classes will result in a failing grade. Attendance will be taken at the beginning of class. If you are not present when your name is called, you are considered absent for the class. If you leave prior to the end of class you will be considered absent from the class.

9. Notes: PowerPoint slides may be posted on WebCT. Students can use them as a starting point for their notes. The PowerPoint slides are not sufficient for students to use as notes. Thus students are expected to take notes during classes. In order to take notes, students need to bring paper and a writing instrument to classes. Students may want to check out the Cornell Note Taking System as a method to take effective notes.
10. Communication: The instructor will check WebCT on a regular basis on GSU class days. The best way to contact the instructor is to send an email using WebCT. You may also use the instructor's Georgia Southern University email to contact the instructor. The instructor will check it regularly. Responses to messages and emails should be made within 4 hours of receipt of a message during regular work hours.