

# **GRA 1754 WEB DESIGN 2 (Graphic Interface Design Two)**

*Course handout revised by Sam Grant 08 / 06*

This advanced course will teach students in the Graphic Internet Technology degree a more comprehensive process of Web Page Design and Internet Architecture. It will continue to teach students the design process and how it functions. Students will learn how to create complex commercial sites for the World Wide Web with a standard web creation application (Dreamweaver) and an image editing application (Fireworks), and combine those elements in an attractive and functional manner. This course will also expand student's concepts of the practices and procedures for planning elaborate web sites. Pre-requisites: Graphic Interface Design One and Graphic Imaging One. Special Fee applies. (4 credits; 2-hour lecture, 4-hour lab, 6 clock hours: 96 total; 20 points.)

## **Competencies:**

1. The student will demonstrate an understanding of the function of the Internet by answering questions on a questionnaire.
2. The student will demonstrate an understanding of the structure of the business website by correctly identifying the foundation of several corporate web sites via the creation of a branch directory.
3. The student will demonstrate advanced non-linear thinking in design by creating a navigational chart of an existing large commercial website.
4. The student will demonstrate an understanding of web design processes by teaming up, assembling into small creative teams and formatting all developmental stages of a website on paper. This presentation will be made orally in class.
5. The student will demonstrate an understanding of information architecture and well planned interface design by studying the creative work of other commercial web designers and creating a branch directory and a series of page layouts to identify its consistent elements.
6. The student will demonstrate an understanding of corporate site creation procedures by creating a series of template files in a graphics program. These multiple templates will be used in the foundation of an elaborate site design.

7. The student will demonstrate an understanding of corporate site creation procedures by placing text, CSS, JavaScript, DHTML and graphic images onto templates and library items for repetition in a website using a graphics program.

8. The student will demonstrate an understanding of corporate site creation procedures by placing creating an elaborate catalog structure of inventory items using a graphics program and an image editing software.

9. Students will use checklists, questionnaires, and brief descriptive exercises, to create an overall site plan--which serves as the final course project. Students will then use this plan to create a complete website for the final project. The student will present this project orally in class.

### **TEXT**

The textbook to be used for this course is:

**Dreamweaver 8 Hands-On Training\***

by Daniel Short and Garo Green

ISBN: 0321293894

lynda.com books/Peachpit Press

*\*This book may have been purchased in a previous course.*

### **SUPPLIES**

The following supplies will be required for this course:

1. One loose-leaf binder, 3/4-inch spine minimum.
2. Loose-leaf filler paper.
3. Ball point pens.
4. Highlighter pen- Yellow.
5. One Sketchpad.
6. Various color markers, pens or pencils.
7. Layout paper, 24 lb., 8 1/2-by-11 inches, 100 sheets,
8. 1 USB flash drive (64mb)
9. One blank CD-R or CD-RW disc.

Note: Some of these supplies may have been purchased in an earlier course and may not need to be purchased again.

### **CLASS ATTENDANCE GRADE**

Students are expected to attend every class regularly and to arrive on time for each class. Excessive absences and tardiness will affect the student's final grade average. It is the student's responsibility to make up class work and notes when absent or late for class.

The attendance grade will be expressed as a percentage of the number of hours the class meets during the semester and will constitute 25% of the student's final grade.

### **MIDTERM**

A Midterm project will be given and a due date will be announced. If you do not complete the project by the assigned date, you will lose 10 percent of your grade off the top. If you have an excused absence from class, you will be given an extension, and will not lose 10 percent of your grade off the top. The midterm grade will constitute 25% of your final grade.

### **PROJECT GRADES**

Projects will have an assigned due date to be completed. If they are not handed in on time the student will lose 10 points off the grade. The projects will be graded on their neatness, completeness and accuracy of following instructions, and how well you completed the project objectives. The total set of project grades will constitute 25% of your final grade

### **FINAL EXAM**

The final exam will be given on the assigned date and is up to the instructor which dates it is given. The average grade of all the projects and the midterm will be a determining factor. If you do not take the final exam on the required date and have an unexcused absence, you must make special arrangements with the instructor to take a make-up final exam and you will lose 20 percent. The exam consists of the creation of a website with a set of predetermined functions and an oral presentation derived from the two textbooks and lectures given in class. The Final Exam grade will constitute 25% of your grade.

GRA 1754 is an advanced web page creation course and is open to students who've met the necessary pre-requisites. Special Fee applies. (4 credits; 2 hour lecture, 4 hour lab, 96 total clock hours; 20 points.) Enough time is scheduled to complete the assigned projects during the regular hours of the course.

### **GRADING SCALE**

The grading scale for all elements of this course is as follows:

A	=	100	-	93
B	=	92	-	84
C	=	83	-	70
D	=	69	-	62
F	=	below 62.		

### **SAFETY**

Please observe the following safety guidelines:

1. Note evacuation routes and procedures posted by doors inside the lab.
2. A fire alarm consists of a triple horn/buzzer effect. When a fire alarm is sounded, please exit orderly and quickly.
3. Please enter and exit only through designated doorways. All other entrances are emergency exits only and an alarm will sound if they are opened.
4. A first aid case is located in room 3213 for minor injuries.
5. Retract the blade of the cutter when not in use.
6. Never eat, drink, or smoke in the lab.
7. Never touch any cabling without supervision.
8. Never cover the computer's ventilation holes with books, papers, etc.
9. Never expose diskettes to extreme temperatures or magnetic fields. Never touch the magnetic media with your hands.
10. Do not bring computer games or other programs to the lab. Do not boot the computers with a system disk or disable the computer's virus checkers.
11. Do not attempt to Trash other students work on the server.  
Please be respectful of your fellow students.

## **RESOURCES**

URL's that are useful in the completion of this course.

[www.lynda.com](http://www.lynda.com)

[www.DreamweaverFAQ.com](http://www.DreamweaverFAQ.com)

[www.massimocorner.com](http://www.massimocorner.com)

[www.Storebuilder.com](http://www.Storebuilder.com)

[www.adobe.com](http://www.adobe.com)

**SEE YOU IN CLASS!**