

Web Design- GRA 260 Spring 2009 Three Rivers Community College

Course title: Web Design 1

Course number: GRA 260

Credits: 3 Semester Hours

Prerequisite: ENG 101 and GRA 140-Desktop Publishing or permission of the instructor

Grading System: A (94-100), A-(90-93), B+(87-89), B (83--86), B-(80-82), C+(77-79), C (73-76), C-(70-72), D+ (67-69), D(63-66), F (below 63).

Course Description and Rationale

An introduction to the concepts of professional web site design using design principles, web authoring tools, and image editing tools –Adobe Dreamweaver CS3 and Adobe Photoshop CS3. Students will apply design principles to create a web site using the authoring tools described above as well as the skills acquired in ENG 101 and GRA 140.

General Course Goals

At the completion of the semester, students should be able to use DreamweaverCS3 and Photoshop CS3 to design a web site using the recommendations in The Non-Designer's Web Book .The required skills include but are not limited to the following:

1. Use Dreamweaver interface
2. Set up a site
3. Work with multiple layers
4. Enter and edit text
5. Write material for a digital document focusing on the audience
6. Use a template
7. Develop a "look" and "feel" of a site specific to an audience
8. Manage links
9. Work with tables
10. Use a library
11. Work with frames
12. Add functionality with behaviors
13. Use image maps
14. Use anchors
15. Use layers
16. Convert Photoshop images for the web
17. Slice images in Photoshop
18. Create an animated image
19. Optimize images for the web.
20. Analyze an audience
21. Create a design to suit a purpose and an audience.

Instructional Modes

Hands-on computer instruction, individual and group work. Students will be expected to follow the design recommendations in Robin Williams' Web Design Workshop, in addition to learning the technical details of constructing their sites.

Instructional Materials

Adobe Dreamweaver CS3 Revealed, Sherry Bishop, Thomson Course Technology, Boston: 2008

Robin Williams' Web Design Workshop, Robin Williams, Peachpit Press, Berkeley: 2006

Handouts on <https://my.comnet.edu>

Flash drive, CDs

Class topics and assignments

The instructor may change the order of topics and/or the content of the assignments to meet the needs of the class.

Linda M. Crotofo, Professor

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Evaluation

Students will be evaluated on the basis of Skills Reviews, Umbrella Site Progress, Tag document, class participation, Design Report, Interim Portfolio grade, and the final project which will be a web site of their own design (Portfolio Project). The final project will be 50% of the final grade. Grading will be based on design and technical mastery, according to a grading rubric. Students who have one or zero absences will have 5 points added to their final average. Students will be expected to work on their assignments in the computer lab during hours when class is not in session.

College Withdrawal Policy

A student who finds it necessary to discontinue a course once class has met must provide written notice to the Registrar. Withdrawal forms are available at the Registrar's office. Non punitive "W" grades are assigned to any withdrawal requested before the various unrestricted withdrawal deadlines listed in the calendars published in front of each session's course listings. Withdrawal requests received after these deadlines must bear instructor signatures indicating the student was maintaining at least a C- average at the time of withdrawal. No withdrawals are permitted after the last class preceding the final exam.

Disabled Students and Learning Disabilities Support

If you are a student with a disability and believe you will need accommodations for this class, it is your responsibility to contact the Disabilities Counseling Services at 383-5240. To avoid any delay in the receipt of accommodations, you should contact the counselor as soon as possible. Please note that I cannot provide accommodations based upon disability until I have received an accommodation letter from the Disabilities Counselor. Your cooperation is appreciated.

Cellular phones, texting and beepers

Cellular phones and beepers are allowed in class only if they are turned off or turned to a silent mode. Under no circumstances are phones to be answered or used for texting in class. When there are extenuating circumstances that require that a student be available by phone or beeper, the student should speak to the instructor prior to class, so that together they can arrive at an agreement.

Email

Students are encouraged to use email to communicate with me. When you compose your message, be sure to use a relevant word for the Subject. Do not use "Hello," "Hi," "It's Me" or similar terms. Because these are used by spammers, I usually delete them without opening them. Be sure to use proper spelling and grammar as you would if you were designing websites professionally and communicating with clients.

- Class #1 Ch.1 Getting Started with Dreamweaver**
- Explore the Dreamweaver workspace
 - View a Web page do Design Project 1-38.
- Class #2 Ch.1 continued**
- Plan and define a Web site
 - Add a folder and pages and set the home page
 - Create and view a site map
- Class #3 Ch.2 Developing a Web Page**
- Create head content and set page properties
 - Create, import, and format text
 - Add links to Web pages
- Class #4 Ch. 2 continued**
- Modify and test Web pages
 - Design Project p.2-40
- Prepare Images for the Web in Photoshop**
- Class #5 Ch. 3 Working with Text and Graphics**
- Create unordered and ordered lists
 - Create, apply, and edit Cascading Style Sheets
 - Add styles and attach Cascading Style Sheets
- Class #6 Ch. 3 continued**
- Insert and align graphics
 - Enhance an image and use alternate text
 - Insert a background image and perform site maintenance
- Class #7 Ch. 4 Working with Links**
- Create external and internal links
 - Create internal links to named anchors
 - Insert roll overs with Flash text
- Class #8 Ch.4, continued**
- Create, modify, and copy a navigation bar
 - Create an image map
 - Manage Web site links
- Class #9 Ch. 5 Using HTML Tables to Lay Out a Page**
- Create a table
 - Resize, split, and merge cells
 - Insert and align images in table cells
 - Insert text and format cell content
- Class #10 Ch. 6 Managing a Web Server & Files**
- Perform Web site maintenance
 - Publish a Web site & transfer files
 - Check files out and in
 - Cloak files
 - Import and export a site definition
 - Evaluate Web content for legal use

Assignment for Class 2

Do Skills Review p.1-34, blooms & bulbs

Assignment for Class 3

Do Project Builder 1, p. 1-36, TripSmart

Assignment for Class 4

Start a list of tags introduced in book. Indicate tag name on list. Print list and bring to class. Maintain for entire semester.

Assignment for Class 5

Do Skills Review p.2-34-35 blooms & bulbs and then do Project Builder 1p.2-36-37 TripSmart

Assignment for Class 6

Do first 3 sections of Skills Review blooms & bulbs p. 3-38.

Assignment for Class 7

Finish Skills Review blooms & blossoms and do Project Builder 1 p. 3-40-41 TripSmart. **Turn in Striped Umbrella, blooms & blossoms & TripSmart for a grade.**

Assignment for Class 8

Do Skills Review blooms & blubs through all but Insert Flash text p. 4-36.

Assignment for Class 9

Finish Skills Review blooms & blossoms and do Project Builder 1 TripSmart p4-39&40.

Assignment for Class 10

Do Skills Review blooms & bulbs p.5-30-31 and Project Builder 1 TripSmart p. 5-32-33.

Assignment for Class 11

Do Skills Review on pp.6-38 &39. Do Perform Web-site Maintenance, Cloak Files and Import & Export a site definition.

Class #11	Ch. 7 Using Styles & Style Sheets for Design <ul style="list-style-type: none">• Create and use embedded styles• Work with external CSS style sheets• Work with conflicting styles• Use coding tools to view and edit styles	Assignment for Class 12 Do Skills Review blooms & bulbs p. 7-32-33 and Project Builder 1 TripSmart p. 7-34-25
Class #12	Ch. 8 Collecting Data with Form <ul style="list-style-type: none">• Plan and create a form• Edit and format a form• Work with form objects• Test and process a form	Assignment for Class 13 Do Skills Review on 8-34-35 and Project Builder 1 on 8-36-37.
Class #13	Ch. 9 Positioning Objects with CSS <ul style="list-style-type: none">• Create a page using CSS layouts• Add content to CSS layout blocks• Edit content in CSS layout blocks	Assignment for Class 14 Do Skills Review p9-36 through Edit content in CSS layout blocks. Refer also to Ch.19 in Robin Williams Web Design Workshop
Class #14	Ch. 9 continued <ul style="list-style-type: none">• Insert an AP div• Set the position and size of an AP element• Add content to an AP element• Use the AP Elements panel	Assignment for Class 15 Finish Skills Review and do Project Builder 1 p. 9-38-39. Turn in all 3 sites for a grade.
Class #15	Ch. 10 Adding Media Objects <ul style="list-style-type: none">• Add and modify Flash objects• Add rollover images	Assignment for Class 16 Turn in tag list and definitions for grade
Class #16	Ch. 10, continued <ul style="list-style-type: none">• Add behaviors• Add Flash video	Assignment for Class 17 Do Skills Review.p. 10-24&25and Project Builder 1 p.10-26-27
Class #17	Ch. 11 Creating and Using Templates <ul style="list-style-type: none">• Create templates with editable regions• Use templates to create pages• Use templates to update a site	Assignment for Class 18 Do Skills Review p. 11-22-23 and Project Builder 1. You know what sites they refer to.
Class #18	Working with Library Items and Snippets <ul style="list-style-type: none">• Create and modify library items• Add library items to pages• Add and modify snippets	Assignment for Class 19 Same as above for this chapter. You know where they are
Class #19	Designing Your Own Website <ul style="list-style-type: none">• Spiff up your photographs (WDW)• Preparing images for the web in Photoshop	Assignment for Class 20 Turn in all 3 sites for a grade. Read Chapter 1, Visual Glossary in Robin Williams Web Design Workshop, hereafter known as WDW.
Class #20	Designing with Photoshop <ul style="list-style-type: none">• Slicing in Photoshop and opening in Dreamweaver	Assignment for Class 21 Read Ch. 12 Slicing and Dicing and Ch. 4 It's a Horizontal World in WDW.
Classes #21&22	Backgrounds and Animation <ul style="list-style-type: none">• Large, single-image backgrounds, edge images & hybrid colors• Gif Animations in Photoshop	Assignment for Classes 22 &23 Read Ch. 13 Backgrounds in WDW Read Ch. 22 Animated GIFS in WDW
Classes 23-29	Final Project Website Workshops	Websites due May 12 - 50% of grade. Last day to give Design Report May 7.