

Web Design- GRA 260 Spring 2008 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 The Non-Designer's Web Book, in addition to learning the technical details of constructing their sites.

Instructional Materials

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

The Non-Designer's Web Book, 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.

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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 cut more than 4 classes will have their grade reduced for each absence beyond 4, regardless of the reason for the absence. 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 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 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 and use Help
- 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
- 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 Portfolio Project 3-45 workshop**
- Attendance required.
- Class #8 Ch. 4 Working with Links**
- Create external and internal links
 - Create internal links to named anchors
 - Insert rollovers with Flash text
- Class #9 Ch.4, continued**
- Create, modify, and copy a navigation bar
 - Create an image map
 - Manage Web site links
- Class #10 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 #11 Making a table for your Portfolio site**
- Workshop on your table.
- Using Photoshop to make a page with tables**

Assignment for Class 2

Read Portfolio Project p.1-39. Decide on a site for yourself. It cannot be a fictitious site.

Assignment for Class 3

Do Design Builder 1 on p1-36.

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

Catch up on Portfolio Builder and complete all required on first paragraph p. 2-41

Assignment for Class 6

Continue with Portfolio Builder and complete all required on p. 2-4.

Assignment for Class 7

Turn in Striped Umbrella website for a grade Feb. 20. Bring all to class to continue work.

Assignment for Class 8

Turn in Portfolio Project, having completed 1-10 on p. 3-45. Add text to pages.

Assignment for Class 9

Add links to Portfolio Project

Assignment for Class 10

Add navigation bar to pages in Project. You may have to delete a page and substitute a new one.

Assignment for Class 11

Do Skills Review on pp.5-30&31

Assignment for Class 12

Complete your table and finish instructions on p. 5-37.

Skill Reviews due March 5

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Class #12 Ch. 7 Using Styles and Style Sheets for Design

- 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 13

Do Skills Review on 7-32&33.

Class #13 Cascading Style Sheets for Portfolio
• Workshop on your portfolio. Attendance required.
Slicing in Photoshop

Assignment for Class 14

Perfect your styles and sheets and apply them to your pages

Class #14 Ch. 8 Collecting Data with Form

- Plan and create a form
- Edit and format a form
- Work with form objects
- Test and process a form

Assignment for Class 15

Do Skills Review p8-34&5.

Class #15 Creating a form for your Portfolio Project
• Workshop. Attendance required.

Assignment for Class 16

Perfect your form for your project.

Class #16 Ch. 9 Positioning Objects with CSS
• Create a page using CSS layouts
• Add content to CSS layout blocks
• Edit content in CSS layout blocks

Assignment for Class 17

Do the Skills Review on p. 9-36.

Class #17 Ch. 9 continued
• 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 18

Turn in updated tag list and definitions for grade

Class #18 Creating a Page Using Layers
• Workshop of position for a page(s) on your site

Assignment for Class 19

Complete the page with layers

Class #19 Ch. 10 Adding Media Objects
• Add and modify Flash objects
• Add rollover images

Assignment for Class 20

Complete the page with layers

Class #20 Ch. 10, continued
• Add behaviors
• Add Flash video

Assignment for Class 21

Do Skills Review.p. 10-24&25

Class #21 Ch. 11 Creating and Using Templates
• Create templates with editable regions
• Use templates to create pages
• Use templates to update a site

Assignment for Class 23

Create library items for your pages

Class #22 Working with Library Items and Snippets
• Create and modify library items
• Add library items to pages
• Add and modify snippets

Design Reports due on sign-up date.

Final Skill Reviews due April 14

Striped Umbrella due April 21

Classes 23-27 Workshops on your final version of website Reports on design topics

Final Website due April 30 - 50% of grade

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