



Course Title: Web Design I
Credit(s): One Credit, One Semester
Teacher: Mr. Todd Iwema
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COURSE DESCRIPTION:

Web Design I develops key digital communication skills: design, communication, project management, and web technology. Key skills are developed in a spiral, as each project adds more challenging skills on foundational proficiencies. Projects range from online logos to electronic portfolios to rich media client websites. Each project follows the development process from planning to evaluation. The design and production projects include graphics, images (digital photographs, logo design, page banners, etc.), websites (basic client websites, website redesign, etc.), and rich media (video for the web, digital narratives, and animation techniques)

Prerequisite: Digital Communication Tools I
Grade Level: 9 - 12

TEXTBOOK RESOURCES:

Text: *Sherry Bishop, Macromedia Dreamweaver CS3 Revealed* Course Technology, 2008.

Software: Macromedia Dreamweaver CS3 and Windows Vista will be used. Another operating system may be used, but students may notice some differences in the appearance of certain dialog boxes.

Handouts: Additional handouts may be required. Instructor will provide information on obtaining this material. Adobe Fireworks CS3

TEXT – The Web Collection Revealed – Fireworks CS3

TEXT – Adobe Flash CS3 – Adobe Flash CS3 Revealed

SUPPLIES:

Paper, Binder/Folder, Pen/Pencil

Suggestion: Jump drive for students to save work to take home upon completion of course.

LEARNING GOALS: UPON COMPLETION OF THIS COURSE STUDENTS WILL

Demonstrate a basic knowledge of the Internet and the tools used to access information. - Design and develop a basic website using HTML. - Utilize graphics and multimedia in an HTML document. - Create links within an HTML document. - Recognize and apply proper legal issues and follow proper ethics. - Create, modify, and optimize a variety of digital images. - Create the elements of an electronic portfolio with Dreamweaver and Fireworks.

COURSE EXPECTATIONS:

The major objective is to have all students learn and be successful in this class. No student has the right to interfere in any way with my ability to teach and students to learn.

1. All students are expected to follow the outlined procedures as stated in the LCHS Code of Conduct
2. Students are to follow my classroom rules; a copy of these are passed out at the beginning of each semester to each student. A copy is on file with the high school office and also posted on my classroom wall.

GRADE DETERMINATION:

EXAMINATIONS/ASSESSMENTS	12	% OF GRADE
CLASSROOM PRODUCTION WORK	56	% OF GRADE
CLASSROOM PROJECTS	32	% OF GRADE

SEMESTER FORMULA:

FIRST NINE WEEKS	43	OF THE SEMESTER GRADE
SECOND NINE WEEKS	43	OF THE SEMESTER GRADE
FINAL EXAM	14	OF THE SEMESTER GRADE

LATE WORK POLICY:

Work must be turned in within one week of the due date to be accepted for full credit; 2nd week, points will be deducted according to number of points possible. When extended absences occur, the student needs to see me for a make-up plan agreed upon by both of us, to be completed in a timely fashion.

METHODS OF INSTRUCTION:

1. Lectures/Demonstrations: Important material from the text and outside sources will be covered in class. You should plan to take careful notes as not all material can be found in the texts or readings. Discussion is encouraged as is student-procured, outside material relevant to topics being covered.
2. Assignments: Skills Reviews, Project Builders, Design Project, Portfolio Project and other projects and readings will be periodically assigned to help support and supplement material found in the lessons. These assignments may require the application of various software applications.
3. Quizzes: Occasional scheduled or unscheduled quizzes will be given to help ensure you stay up with assigned material.
4. Exams: Three exams will be given. The exams will be closed book/note and will test assigned readings and material discussed in class. Review sheets will be provided before the exam day. The final exam will not be comprehensive in nature. However, the instructor reserves the right to retest on material that was not appropriately comprehended. These items will be noted on exam review sheets.
5. Internet Support: Check the class Web page for additional information about the software, or to post a question about this course.

GRADING SCALE

100 TO 92.5	=	A
89.5 - 92.49	=	A –
86.5 - 89.49	=	B +
82.5 - 86.49	=	B
79.5 - 82.49	=	B –
76.5 - 79.49	=	C +
72.5 - 76.49	=	C
69.5 - 72.49	=	C –
66.5 - 69.49	=	D +
62.5 - 66.49	=	D
59.5 - 62.49	=	D –
0 - 59.49	=	F

ADDITIONAL INFORMATION:

Grades will be determined by rounding the final averages - **.51 or higher will be rounded up and .50 or lower will be rounded down. The grade determination as listed above is an approximation of the percentage of the total grade. Grades from each category were totaled and divided by the number of points possible. Programs and book assignments are worth between 10 to 40 points each depending on the level of difficulty. Chapter tests are worth 100 points each.

COURSE OUTLINE

Getting Started with Dreamweaver

- Explore the Dreamweaver workspace
- View a Web page and use Help
- Plan and define a Web site
- Add a folder and pages and set the home page
- Create and view a site map

Developing a Web Page

- Create head content and set page properties
- Create, import, and format text
- Add links to Web pages
- Use the History panel and edit code
- Modify and test Web pages

Working with Text and Graphics

- Create unordered and ordered lists
- Create, apply, and edit Cascading Style Sheets
- Add styles and attach Cascading Style Sheets
- Insert and align graphics
- Enhance an image and use alternate text
- Insert a background image and perform site maintenance

Working with Links

- Create external and internal links
- Create internal links to named anchors
- Insert rollovers with Flash text
- Create, modify, and copy a navigation bar
- Create an image map
- Manage Web site links

Review

Exam

Using HTML Tables to Lay Out a Page

- Review
- Exam
- Create a table
- Resize, split, and merge cells
- Insert and align images in table cells
- Insert text and format cell content
- Perform Web site maintenance
- Publish a Web site and transfer files
- Check files out and in

Managing a Web Server and Files

- Cloak files
- Import and export a site definition
- Evaluate Web content for legal use

Using Styles and Style Sheets for Design

- Create and use embedded styles
- Modify embedded styles
- Work with external CSS style sheets
- Work with conflicting styles
- Use coding tools to view and edit styles

Collecting Data with Form

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

Review

Exam

- Review
- Exam

Positioning objects with CSS

- Create a page using CSS layouts
- Add content to CSS layout blocks
- Edit content in CSS layout blocks
- Insert an AP div

Adding Media Objects

Creating and Using Templates

Working with Library Items and Snippets

Review

Exam

- Set the position and size of an AP element
 - Add content to an AP element
 - Use the AP Elements panel
 - Add and modify Flash objects
 - Add rollover images
 - Add behaviors
 - Add Flash video
 - Create templates with editable regions
 - Use templates to create pages
 - Use templates to update a site
 - Use advanced template options
 - Create and modify library items
 - Add library items to pages
 - Add and modify snippets
 - Review
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- Exam