

**COURSE**

Web Design 1

**INSTRUCTOR**

Zac Gordon

**CONTACT**

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**OFFICE HOURS**

[Schedule office hours](#) (via Tungle.me)

**COURSE OBJECTIVE**

This course introduces students to (X)HTML, emphasizing semantic use of elements and the benefits of using standards-based, valid code. The use of CSS is discussed to separate content from presentation in order to decrease maintenance time, speed up development, improve download speed, and design capabilities. Students will employ web standards concepts to create a small brochure-ware website that uses global style sheets.

**RECOMMENDED PREREQUISITE**

- Internet Fundamentals

**RECOMMENDED READING**

The following texts will help fill in the gaps left by just following along with online links during the course. It is recommended that you purchase one if not all of the books below and follow along with them throughout the course.

- Interact with Web Standards: A holistic approach to web design, Various authors
- Learning Web Design, Jennifer Niederst Robbins
- Designing with Web Standards, Jeffery Zeldman

**SCHEDULE**

This courses was designed to run over the course of a 15 week semester. Although students may move at their own pace, It is recommended you take one day to review the course material for a given class and then work on the homework over the course of one week before moving on to the next class.

1. HTML Syntax
2. HTML Elements
3. HTML Elements (cont.)
4. Basic Concepts
5. Doctypes
6. Validation
7. Midterm, Project Plan Due
8. Best Practices
9. CSS Introduction
10. CSS Selectors and Properties
11. CSS Selectors and Properties (cont.)
12. Site Structure
13. FTP
14. Forms

## 15. Final Exam, Final Project Due

### **HOMEWORK**

Each week there is a homework assignment based on the material learned that week. Homework assignments are due at the class following the class they are posted for.

### **THE MIDTERM**

There is a 20 question midterm exam covering the basics covered in the first half of the course. The format of the exam questions are multiple choice and true false.

### **FINAL EXAM**

There is a 20 question final exam that primarily focuses on topics covered after the midterm. The format for the questions are multiple choice, true/false, and short answer.

### **FINAL PROJECT**

Create a complete Web site of several pages. The topic chosen for the site should be rich enough to allow you to demonstrate the use of various HTML elements studied: headings, paragraphs, div, strong, em, ul, ol, img, a, and form.

The layout must be CSS based using an external stylesheet. The styled content must demonstrate mastery of CSS properties including background, border, clear, color, float, font, height, line-height, list-style, margin, overflow, padding, position, text-align, text-indent, and width.

The site should demonstrate mastery of concepts regarding DOCTYPE and semantic HTML markup. The CSS must demonstrate an understanding of the Cascade and inheritance and make use of descendant selectors to minimize the number of classes.

The site must also contain a working contact form that emails the user a copy of the email (so the teacher can test that it works).

### **LATE POLICY**

Homework assignments from weeks one through six may be turned in late for partial credit all the way up to the midterm. Homework assignments from weeks eight through fourteen may be submitted late for partial credit anytime before the final exam.

You must gain permission from the instructor to submit your midterm, final exam, and final project late.

### **COURSE EVALUATION**

- 30% Homework
- 10% Midterm Exam
- 20% Final Exam
- 40% Project

### **GRADE SCALE**

The certificate program requires at least a 70% for passing. Students earning higher than 85% will graduate

- Above 85% = Certificate with Honors
- 70% - 85 % = Certificate of Accomplishment
- Below 70% = No certificate, free ability to retake course

### **TOOLS**

You will likely need the following tools to complete the course

- Computer
- Internet access
- Web server
- FTP software
- Text editing software
- Image editing software

### **HOSTING**

Students must have their own hosting account to complete assignments and host the final project. Our sister company, Student Web Hosting [<http://studentwebhosting.co>] provides hosting accounts starting at just \$11 a year.

### **PLAGIARISM/COPYRIGHT**

It is illegal and unethical to use someone else's work without properly crediting the sources, whether online, in print, or other. Submitting copied or plagiarized work may result in a non-passing grade. Students caught cheating may not be eligible for a refund or tuition waiver to retake the course.