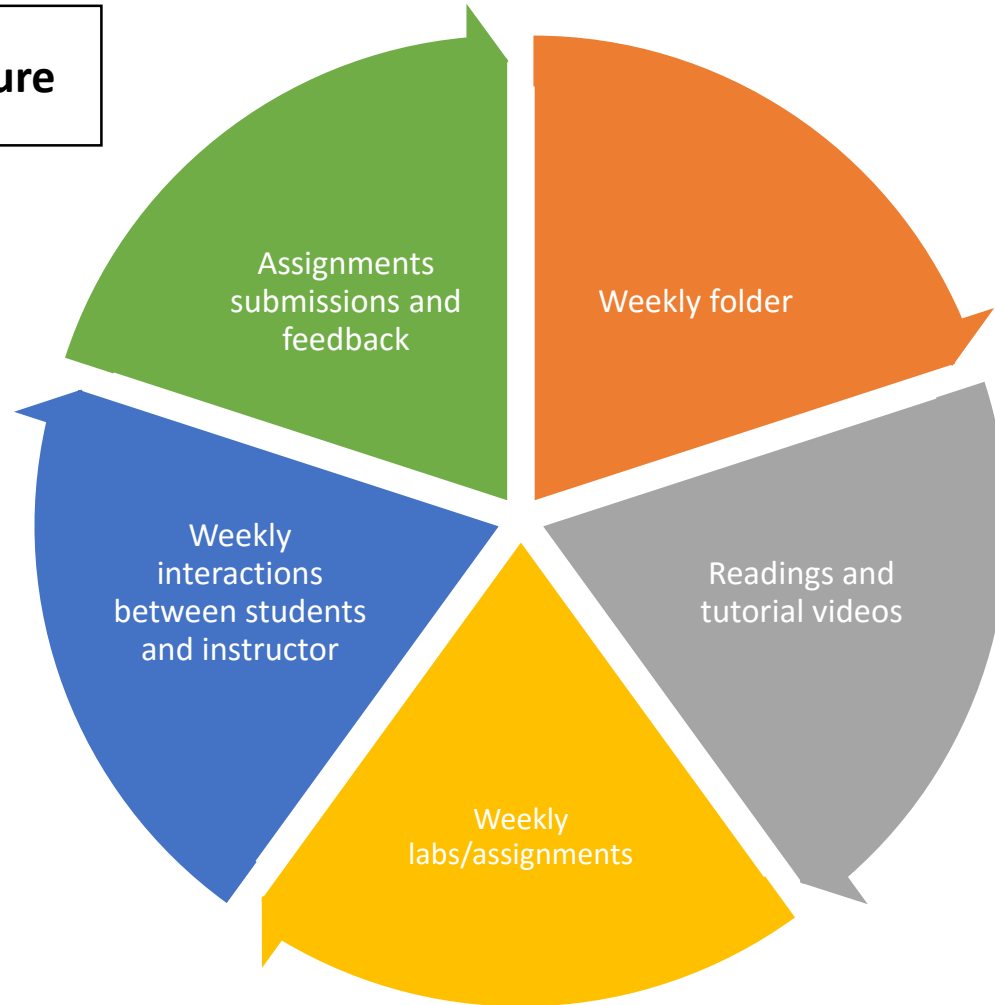


# Web Development using HTML 5 & CSS3

## Course Structure



This course was designed using the Blackboard Exemplary Course Rubric.

I developed the course making sure that students the best learning experience and promoting frequent interactions between one another and also with their instructors. Each course was laid out and structured to promote easy navigation, fewer clicks and most important an easy user interface experience. Videos with captions, audio files and graphics all meet W3Cs requirements. Blackboard course reviewers gave award the course as an exemplary course in 2015.

# Web Development using HTML 5 & CSS3

## Announcement page

The screenshot shows a course announcement page. On the left is a dark blue navigation sidebar with a home icon and a list of course items: Web Development (selected), Home Page, Announcements, Instructor Information, Syllabus, Course Resources, Assignments, Exams/Quizzes, Discussion Board, Course Tools, My Grades, GradesFirst, Student Support/Services, COURSE MANAGEMENT, Control Panel, and Content Collection. The main content area has a title 'Announcements' and a green 'Create Announcement' button. Below the button is a dashed line indicating where new announcements appear. The announcement text reads: 'Welcome to Web Development I', posted on Tuesday, June 9, 2015 11:59:00 PM EDT. The text welcomes students to the course, mentions the instructor's name, and provides instructions on how to get started, including downloading the syllabus, attending live sessions, and purchasing the textbook. A 'Posted by: Selom Assignon' and 'Posted to: Web Development' box is visible on the right side of the announcement.

**Announcements**

*New Announcements appear directly below the repositionable bar. Reorder by dragging announcements to new positions. Move priority announcements above the repositionable bar to pin them to the top of the list and prevent new announcements from superseding them. The order shown here is the order presented to students. Students do not see the bar and cannot reorder announcements.*

**Create Announcement**

*New announcements appear below this line*

**Welcome to Web Development I**

Posted on: Tuesday, June 9, 2015 11:59:00 PM EDT

Welcome to the Web Development 1 course. My name is \_\_\_\_\_ and I will be your facilitator for this course. Here are a few things that you should do to get started in this course.

I look forward to working with you throughout the semester. Like all courses, this course requires serious management of your time. Please make sure to stay on task and keep abreast of the deadlines. If you have any questions please make sure you review your syllabus, it contains all the information that is needed for this course. Any changes to the syllabus will be in the “Announcements” section and sent to you in email.

To **get started**, you're encourage to do the following:

- Go to the course syllabus page to download the syllabus and complete the syllabus checklist
- If this is the first time you're taking an online course, ensure that you click on this [link](#) to view or attend a live session
- You should have bought your textook by now. If not, go to the textbook website to purchase it -

Posted by: Selom Assignon  
Posted to: Web Development



# Web Development using HTML 5 & CSS3


## Course Resources page

Announcements  
Instructor Information  
Syllabus  
Course Resources  
Assignments  
Exams/Quizzes  
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Student Support/Services

COURSE MANAGEMENT

- Control Panel
- Content Collection
- Course Tools
- Evaluation
- Grade Center
- Users and Groups
- Customization
- Packages and Utilities
- Help

 **Course Textbook** 






**Title:** Basics of Web Design HTML5 & CSS3 (2nd Edition)  
**Authors:** Terry Felke-Morris  
**Publisher:** PEARSON

**ISBN #:** 0-13-312891-1


**Note:**

- The above textbook is **REQUIRED**. You need this textbook to practice hands-on exercises and reading assignments for this class.
- You need to have **access** to Notepad or [Notepad plus](#) to complete all project in the course.
- Not having the textbook or not having the web page editor is **NOT** an excuse for not completing and submitting your assignments on time.

 **Student Files**

Attached Files:  [Student Files.7z](#)  (44.433 MB)

Attached are the student files you could use to complete practice assignments in the textbook. Click on it to download it unto your computer.

 **Required Software**

Below is a list of required software that you may need to complete the course. Click on the links to download them.

- [Notepad++](#) - HTML editing application for Windows PC
- [TextEdit](#) - HTML editing application for Mac computers

Use **one** of these free cloud storage applications to save all your work on.

- Cloud/online storage applications: [Dropbox](#) or [Google Drive](#) or [OneDrive](#)

# Web Development using HTML 5 & CSS3

Assignments page – An example of how the course content is structured

The screenshot displays a course management system interface. On the left is a dark blue navigation menu with a home icon at the top. The menu items are: Web Development (with a home icon), Home Page, Announcements, Instructor Information, Syllabus, Course Resources, Assignments, Exams/Quizzes, Discussion Board, Course Tools, My Grades, GradesFirst, and Student Support/Services. Below this menu is a 'COURSE MANAGEMENT' section with a 'Control Panel' and several expandable items: Content Collection, Course Tools, Evaluation, Grade Center, and Users and Groups. The main content area has a green header with four tabs: Build Content, Assessments, Tools, and Partner Content. The 'Assessments' tab is active. The main content area shows two assignment entries. The first entry is for 'Week 6: Chapters 9 and 10', marked as 'Enabled: Statistics Tracking'. It includes a thumbnail for 'Web Design: Table Basics & Form Basics HTML5 & CSS3' and a call to action: 'Click the above link to access Week 6 materials and assignments:'. Below this are two bullet points: 'Read Chapter 9 - Table Basics (p. 266 - 279)' and 'Complete Lab 6 - Pacific Trails Resort Case Study (p. 223 - 224)'. The second entry is for 'Week 7: Chapter 11', also marked as 'Enabled: Statistics Tracking'. It includes a thumbnail for 'Multimedia' and a call to action: 'Click the above link to access Week 7 materials and assignments:'. Below this are two bullet points: 'Read Chapter 11 - Multimedia and Interactivity Basics (p. 330-351)' and 'Complete Lab 7 - Pacific Trails Resort Case Study (p. 353 - 355)'. The due date for both assignments is 'DUE: 7/12/2015 at Midnight'.

**Web Development**

Home Page

Announcements

Instructor Information

Syllabus

Course Resources

Assignments

Exams/Quizzes

Discussion Board

Course Tools

My Grades

GradesFirst

Student Support/Services

COURSE MANAGEMENT

**Control Panel**

Content Collection →

Course Tools

Evaluation →

Grade Center →

Users and Groups

**Build Content** ▾ **Assessments** ▾ **Tools** ▾ **Partner Content** ▾

**Week 6: Chapters 9 and 10**

Enabled: Statistics Tracking

**Click the above link to access Week 6 materials and assignments:**

- Read Chapter 9 - Table Basics (p. 266 - 279)
- Complete Lab 6 - Pacific Trails Resort Case Study (p. 223 - 224)
- Read Chapter 10 - Form Basics (p. 286 - 319)
- Practice the hands-on- example in the chapter.
- **Final Project update #1**

**DUE: 7/12/2015 at Midnight**

**Week 7: Chapter 11**

Enabled: Statistics Tracking

**Click the above link to access Week 7 materials and assignments:**

- Read Chapter 11 - Multimedia and Interactivity Basics (p. 330-351)
- Complete Lab 7 - Pacific Trails Resort Case Study (p. 353 - 355)

# Web Development using HTML 5 & CSS3

## Assignments page – Inside Week 6 folder

**Week 6: Chapters 9 and 10**

Build Content | Assessments | Tools | Partner Content

**Reading - Ch 9: Table Basics**

While standard paragraphs are appropriate for many types of Web page content, some information is easier to present and understand in more specific formats. HTML includes elements that enable you to present information as lists, or tables. In addition to changing the display of information in a browser, these elements convey semantic data about their contents, facilitating access by many types of user agents. **This chapter: Table Basics (226-279)** provides you more information on how to format the layout of a web page and become familiar with HTML tables to organize information on a web page. The completion of this chapter and the lab will help student achieve one of the course objectives - develop an understanding of concepts of website architecture, layout and structure as well as planning the layout and structure of a full web page.

At the end of the chapter, you should be able to:

- Describe the recommended use of a table on a web page
- Configure a basic table with the table, table row, table header and table cell elements
- Configure table sections with the thead, tbody and tfoot elements
- Increase the accessibility of a table
- style an HTML table with CSS and
- Describe the purpose of CSS structure pseudo-classes.

**YouTube** After reading the chapter, watch the HTML5 and CSS3 tutorial on [Tables](#) (11:58 sec).

**Lab 6 (Ch.9)**

Attached Files: [Chap9Practice.zip](#) (77.372 KB)

Please follow instructions for Tasks 1 - 3 listed on page 282 - 283 in the textbook.

**Submission instructions:** Unzip and save attached file to get started. Once complete, ensure that you organize the files in a folder, rezip and submit it in blackboard by clicking on the above assignment link Lab6 (Ch9) and attach it. **Do NOT email it.**

**NOTE:** Refer to this grading rubric for information on how this lab will be graded. [Assessment Rubric for Ch9](#)

**Reading - Chapter 10: Form Basics**

Enabled: Statistics Tracking

Forms are used for many purposes all over the Web such as to accepting visitor feedback, collecting email address for a newsletter, sending story to friends and accepting order information. This chapter will introduces you to a very powerful tool for web developers - forms that accept information from web page visitors. The objective of this chapter is to ensure that student learn how to implement documentation in web development.

At the end of the chapter, you should be able

- Describe common uses of forms on web pages
- create forms on web pages using the form , input, text area and select elements
- associate form controls and groups using label, fieldset and legend elements
- Use CSS to style a form and
- Configure new HTML5 form controls, including the e-mail, URL, datalist, range calendar and color-well controls.

**YouTube** Watch the tutorial video on the [introduction to forms](#) (5:46 sec duration) in HTML5 & CSS3.

**NOTE:** After reading the materials and viewing the tutorial, complete the hands-on exercise covered in this chapter.

**Project Update 1**

This is a reminder for the group that you should be working on the final project. You should have at least completed your 4 pages. Group members should be working on their respective pages and should have gathered all information that each page is expected to contain. Once again, contact your instructor if you have any problems or need any assistance.



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