COURSE INFORMATION

COURSE TITLE
CWB110 - Complete Web Authoring

COURSE DESCRIPTION
Explores the complete set of web authoring skills using HTML and/or other scripting languages. Includes links, backgrounds, controlling text and graphic placement, tables, image maps, frames and forms.

CREDIT HOURS
3

SUGGESTED PREREQUISITE KNOWLEDGE
Basic computer knowledge such as navigating the Internet, downloading files, installing software.

CCCOnline Course Policies
The CCCOnline Course Policies page contains information about the student's role in the classroom, grading policies, and rights and responsibilities.
COURSE MATERIALS

Your textbook is available online as an eText. You do not need to purchase any additional materials. For specific information on refund policies and the optional black and white textbook available for purchase please contact the CCCOnline bookstore.

MINIMUM COMPUTER REQUIREMENTS

To complete this course, you will need regular access to a computer from which you can get to the internet and use email. In order to ensure that your course functions properly, you must run the System Check. This is a CRITICAL STEP, and taking the time to do it now will eliminate a tremendous amount of frustration for you later. To run the System Check, click Tools in the course NavBar and then click System Check.

REQUIRED eTEXT


DIGITAL MATERIALS ACCESS AND SETUP

This course uses Vital Source which integrates the eText directly into the course site.

- Visit the Vital Source Course Start page for details on first access of the materials.

To make sure your computer is set up correctly to access the eText and other digital content, review the Vital Source Technical Support page, also linked in the Technical Support Module.
**Course Competencies and Outcomes**

**Student Competencies**

The competencies you will demonstrate in this course are as follows:

A. Explain the role of markup languages in the development of document interchange.
B. Explain the role of HTML in the development of the World Wide Web.
C. Understand the need for standards in Web development and how the W3C promotes Web standards.
D. Examine the current XHTML standard and the move to XML.
E. Use HTML tags in the creation of Web documents.
F. Integrate graphics and other media into Web documents.
G. Examine the extension of HTML through server-side and client-side scripting.
H. Research Web publishing options.
I. Test and deploy Web documents.

The module outcomes that will permit you to demonstrate course competencies are:

**Module 1**

<table>
<thead>
<tr>
<th>Outcomes</th>
<th>Competencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Describe the Internet, World Wide Web, and Web Standards</td>
<td>(A-E)</td>
</tr>
<tr>
<td>2 Demonstrate an understanding of Web Development.</td>
<td>(A-E)</td>
</tr>
<tr>
<td>3 Describe and analyze a website using basic web design concepts.</td>
<td>(A-E)</td>
</tr>
<tr>
<td>4 Demonstrate the ability to generate a web-page using HTML.</td>
<td>(D, E, I)</td>
</tr>
<tr>
<td>5 Create a web-page showing proof of comprehension relative to organizing the site structure, navigation, planning, and implementation.</td>
<td>(E, I)</td>
</tr>
<tr>
<td>6 Create basic a web layout and folder structure proficiently.</td>
<td>(C-E, I)</td>
</tr>
<tr>
<td>7 Research, evaluate, and summarize information about web design using the Internet.</td>
<td>(A-C)</td>
</tr>
</tbody>
</table>
Module 2

Outcomes
1. Implement an image filetype's best use scenario.  
2. Demonstrate image optimization to an acceptable level, given a low-resolution image.  
3. Research and demonstrate an understanding of basic web design practices and accessibility.  
4. Create a menu system that enables efficient and accessible navigation of associated web pages.  
5. Create pages using correct semantic HTML5 structure.  
6. Demonstrate an understanding of ordered and unordered lists relative to web navigation.  
7. Demonstrate an understanding of basic HTML/CSS page layout.  
8. Create a simple wireframe or wireframes to plan a page or pages.

Competencies
- (F)  
- (C, F)  
- (C, E)  
- (C, D, E, I)  
- (B, C, E, I)  
- (C, E, I)  
- (C, E, I)  
- (E)

Module 3

Outcomes
1. Create hyperlinks that open successfully.  
2. Upload web files to a web host successfully to the Internet for others’ perusal.  
3. Evaluate a website given a set of best practices and guidelines.  
4. Update website and demonstrate ability to revise navigational links.

Competencies
- (E)  
- (H, I)  
- (C, I)  
- (E, I)

Module 4

Outcomes
1. Demonstrate formatting the table using CSS3 coding, alongside HTML scripting.  
2. Develop a working HTML form that directs output to a specified online script without error.  
3. Add working multimedia to an HTML page in the form of video, audio, or other media.  
4. Upload web files to a web host successfully to the Internet for others’ perusal.  
5. Evaluate a website given a set of best practices and guidelines.

Competencies
- (E)  
- (E, G)  
- (E, F)  
- (H, I)  
- (C, I)

Module 5

Outcomes
1. Demonstrate all skills learned by implementing an interactive website that incorporates CSS, forms, tables, interactivity and media successfully.  
2. Integrate simple client or server-side scripting to extend HTML.  
3. Reflect on skills gained during the class and identify the most valuable.  
4. Examine the current state of the web industry

Competencies
- (C, E, F, G, I)  
- (G, I)  
- n/a  
- (C)
GRADING AND EVALUATION

METHODS
Evaluation includes a combination of discussion participation, assignments, and other evaluations. Rubrics are provided for assignments and discussions.

GRADING POLICIES
Mark all Module due dates on your calendar for this class. You may submit assignments AHEAD of schedule. Late assignments will not be accepted without prior approval. Your instructor may offer a limited window of time for resubmissions via the assignment folder or D2L mail.

SUMMARY OF GRADING

<table>
<thead>
<tr>
<th>Assignment</th>
<th>Points</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discussions (7 @ 20 points each)</td>
<td>140</td>
<td>29%</td>
</tr>
<tr>
<td>Assignments (9 @ 30 points each)</td>
<td>270</td>
<td>55%</td>
</tr>
<tr>
<td>Midterm Project (1 @ 40 points)</td>
<td>40</td>
<td>8%</td>
</tr>
<tr>
<td>Final Project (1 @ 40 points)</td>
<td>40</td>
<td>8%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>490</td>
<td>100%</td>
</tr>
</tbody>
</table>

Grading Scale
A = 90 to 100%   B = 80 to 89%   C = 70 to 79%   D = 60 to 69%   F = 59% and below

DISCUSSIONS
Discussions in this course are primarily to discuss technical topics, share project progress, and to discuss current industry trends. Participation throughout the period in which the discussion is open is strongly encouraged, as is offering help to one another, troubleshooting, technical analysis, and sharing useful and up-to-date resources. See the discussion rubric for additional information about how discussions will be graded.

ASSIGNMENTS & PROJECTS
Assignments and projects are primarily geared to help you solidify the technical skills you'll practice in the chapters in the book. Use the book as a practice tool, and then complete the assignments and projects for points. Make absolutely sure to review the Best Practices document AND the assignment rubrics in the course for additional information on how assignments, the midterm, and the final project will be graded. Emphasis is on clear navigation, accessibility, validated code, use of best practices, and reasonable design (color, font, image) choices that fit the topic of the site. Additional technical skills may be required, such as installing additional (free) software, uploading files to a server, and using other software to troubleshoot and analyze web pages.
**EXTRA CREDIT**

If extra credit is offered, it will be offered to the entire class.

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**COURSE SCHEDULE**

The Schedule is subject to change as needed.

This page summarizes all of the graded assignments, exams, and reading assignments for the course. If you want, you can print it out and post it somewhere handy.

All assignments are described in detail on the Module assignment pages. If you have questions check there and/or send me an e-mail.

This course is not self-paced and is not open-exit. All assignments, papers, quizzes, discussions, etc., are to be completed by no later than 11:59 pm MST/MDT of the due date.

NOTE: Important CCCOnline semester dates (e.g., drop/withdraw/term end) appear on the [CCCOnline calendar](#).

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**MODULE 1**

<table>
<thead>
<tr>
<th>Reading/Assignments/Exams</th>
<th>Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction Discussion (ungraded)</td>
<td></td>
</tr>
<tr>
<td>Chapters 1 &amp; 2, Add'l material in module</td>
<td></td>
</tr>
<tr>
<td>M1A1: Fundamental Research</td>
<td></td>
</tr>
<tr>
<td>M1A2: Possible Topics</td>
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<tr>
<td>Chapter 3</td>
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<tr>
<td>M1A3: CSS Basics</td>
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<tr>
<td>M1D1: Elements of a Webpage Discussion (Initial Post due _____)</td>
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<tr>
<td>Replies due:</td>
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**MODULE 2**

<table>
<thead>
<tr>
<th>Reading/Assignments/Exams</th>
<th>Due Dates</th>
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</thead>
<tbody>
<tr>
<td>Chapters 4-6, Add'l material in module</td>
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<tr>
<td>M2A1: Layout + Images</td>
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<tr>
<td>M2D1 Discussion: Page Layout (Initial Post due _____)</td>
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<tr>
<td>Replies due:</td>
<td></td>
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<tr>
<td>M2A2: Project Update 1</td>
<td></td>
</tr>
<tr>
<td>M2A3: Project Update 2</td>
<td></td>
</tr>
</tbody>
</table>
**Module 3**

**Reading/Assignments/Exams**
- Chapter 7, Add't'l material in module
- M3D1: In-Progress Project Share (Initial Post due ______)  
  Replies due:
- M3A1: Project Update 3
- M3D2: Project Share (Initial Post due ______)  
  Replies due:
- M3A2: Midterm

**Module 4**

**Reading/Assignments/Exams**
- Chapters 8, 9, 11, Add't'l material in module
- M4A1: Project Update 4
- M4D1: Student-Led Project Share (Initial Post due ______)  
  Replies due:
- M4A2: Project Update 5

**Module 5**

**Reading/Assignments/Exams**
- Chapter 14, Add't'l material in module
- M5D1: Web Jobs Discussion (Initial Post due ______)  
  Replies due:
- M5D2: Reflection & Project Share Discussion (Initial Post due ______)  
  Replies due:
- M5A1: Final Project

Last modified 8/7/2019