



# STARK STATE COLLEGE

## GENERAL SYLLABUS

### Course Information

**Course Name:** Internet Design and Development  
**Course Number:** WDD121

### Required Materials

**Textbook(s):** Development and Design Foundations with HTML5, 10<sup>th</sup> Edition  
 Author: Terry Felke-Morris  
 This course participates in the Stark State Instant Access program. Through this program, every student receives discounted access to the eBook and is charged on their student account for this access. Therefore, you do not need to purchase any additional materials, you will receive an email from the College Store explaining this. There will be a link to your weekly reading in the Materials folder.

**Required Readings:** None

**Additional Materials:**

- Latest versions of Firefox, Chrome, and Edge for testing your websites
- Microsoft Office or Google Docs for creating the wireframes for your project
- Notepad++, Brackets, or other similar “Text Editor” for coding web pages\*
- WinSCP or Cyber Duck for uploading your web pages to the live server\*

\*You will find links to download a text editor and the FTP software in the Week 2 Materials folder.

### Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

### 16-Week Calendar

Week	Chapter/Topic/Lab
Week1	<b>Introduction to the Internet, the World Wide Web, and FTP</b> <ul style="list-style-type: none"> <li>• Start Here Page content, Chapter 1, and Week 1 materials folder</li> <li>• Start Here Quiz</li> <li>• Introduction Discussion</li> <li>• Introduction Design and Development Quiz</li> </ul>

<b>Week</b>	<b>Chapter/Topic/Lab</b>
Week2	<b>Week 2: File Organization, HTML Basics, and Validating Your Coding</b> <ul style="list-style-type: none"> <li>• Read Chapter 2 (Sections 2.1-2.14 and 2.18)</li> <li>• All items in the materials folder</li> <li>• Intro to HTML Lab</li> </ul>
Week3	<b>Adding Structural Elements, Special Characters, and Hyperlinks</b> <ul style="list-style-type: none"> <li>• Read Chapter 2 (Sections 2.15-2.17)</li> <li>• All items in the materials folder</li> <li>• Chapter 2 Case Study</li> </ul>
Week 4	<b>Configuring Color &amp; Text with CSS on One Page</b> <ul style="list-style-type: none"> <li>• Read Chapter 3 (Sections 3.1-3.5)</li> <li>• All items in the materials folder</li> <li>• Hands-On Practice 3.4 Activity</li> </ul>
Week 5	<b>Configuring Color &amp; Text with CSS on a Website with Multiple Pages</b> <ul style="list-style-type: none"> <li>• Read Chapter 3 (Sections 3.6-3.11)</li> <li>• All items in the materials folder</li> <li>• Chapter 3 Case Study</li> </ul>
Week 6	<b>Visual Elements &amp; Graphics</b> <ul style="list-style-type: none"> <li>• Read Chapter 4</li> <li>• All items in the materials folder</li> <li>• Image Optimization Activity</li> <li>• Chapter 4 Case Study</li> <li>• CSS Visual Effects – This assignment is optional. It’s worth 20 extra credit points.</li> </ul>
Week 7	<b>Web Design</b> <ul style="list-style-type: none"> <li>• Read Chapter 5</li> <li>• All items in the materials folder</li> <li>• Project Part 1 – Layout Design and Website Color Scheme</li> <li>• Web Design &amp; User Experience Quiz – This assignment is optional. It’s worth 20 extra credit points</li> </ul>
Week 8	<b>Page Layout</b> <ul style="list-style-type: none"> <li>• Read Chapter 6</li> <li>• All items in the materials folder</li> <li>• Chapter 6 Case Study</li> <li>• Project Part 2 – Home Page and Vacation Packages/Tours Wireframe</li> </ul>
Week 9	<b>Project Part 2 Coding</b> <ul style="list-style-type: none"> <li>• Project Part 2 – Coding the Home and Vacation Packages/Tours Page</li> </ul>
Week 10	<b>Responsive Page Layout</b> <ul style="list-style-type: none"> <li>• Read Chapter 7</li> <li>• All items in the materials folder</li> <li>• Chapter 7 Case Study</li> <li>• Project Part 2 – Peer Review</li> <li>• Flexbox Image Gallery – This assignment is optional. It’s worth 10 extra credit points</li> </ul>
Week 11	<b>Tables</b> <ul style="list-style-type: none"> <li>• Read Chapter 8</li> <li>• All items in the materials folder</li> <li>• Chapter 8 Case Study</li> <li>• Project Part 3 – Things to Pack Page Wireframe</li> </ul>
Week 12	<b>Forms</b> <ul style="list-style-type: none"> <li>• Read Chapter 9</li> <li>• All items in the materials folder</li> <li>• Chapter 9 Case Study</li> <li>• Project Part 3 - Peer Review</li> </ul>
Week 13	<b>Project Part 3 Coding &amp; Project Part 4 Planning</b> <ul style="list-style-type: none"> <li>• Project Part 3 – Code Things to Pack Page</li> <li>• Project Part 4 – Contact and About Us Pages Wireframe</li> </ul>

Week	Chapter/Topic/Lab
Week 14	<b>Web Multimedia and Interactivity</b> <ul style="list-style-type: none"> <li>• Read Chapter 11</li> <li>• All items in the materials folder</li> <li>• Chapter 11 Case Study</li> <li>• Project Part 4 – Peer Review</li> </ul>
Week 15-16	<b>Project Part 4 Coding</b> <ul style="list-style-type: none"> <li>• Project Part 4 – Coding Contact Us and About Us Pages</li> </ul>

## 8-Week Calendar

Week	Chapter/Topic/Lab
Week 1	<b>Introduction to the Internet, the World Wide Web, and FTP</b> <ul style="list-style-type: none"> <li>• Start Here Page content, Chapter 1, and Week 1 materials folder</li> <li>• Start Here Quiz</li> <li>• Introduction Discussion</li> </ul> Introduction Design and Development Quiz <b>File Organization, HTML Basics, and Validating Your Coding</b> <ul style="list-style-type: none"> <li>• Read Chapter 2 (Sections 2.1-2.14 and 2.18)</li> <li>• All items in the materials folder</li> </ul> Intro to HTML Lab
Week 2	<b>Adding Structural Elements, Special Characters, and Hyperlinks</b> <ul style="list-style-type: none"> <li>• Read Chapter 2 (Sections 2.15-2.17)</li> <li>• All items in the materials folder</li> <li>• Chapter 2 Case Study</li> </ul> <b>Configuring Color &amp; Text with CSS on One Page</b> <ul style="list-style-type: none"> <li>• Read Chapter 3 (Sections 3.1-3.5)</li> <li>• All items in the materials folder</li> <li>• Hands-On Practice 3.4 Activity</li> </ul>
Week 3	<b>Configuring Color &amp; Text with CSS on a Website with Multiple Pages</b> <ul style="list-style-type: none"> <li>• Read Chapter 3 (Sections 3.6-3.11)</li> <li>• All items in the materials folder</li> <li>• Chapter 3 Case Study</li> </ul> <b>Visual Elements &amp; Graphics</b> <ul style="list-style-type: none"> <li>• Read Chapter 4</li> <li>• All items in the materials folder</li> <li>• Image Optimization Activity</li> <li>• Chapter 4 Case Study</li> <li>• CSS Visual Effects – This assignment is optional. It's worth 20 extra credit points.</li> </ul>
Week 4	<b>Web Design</b> <ul style="list-style-type: none"> <li>• Read Chapter 5</li> <li>• All items in the materials folder</li> <li>• Project Part 1 – Layout Design and Website Color Scheme</li> <li>• Web Design &amp; User Experience Quiz – This assignment is optional. It's worth 20 extra credit points</li> </ul> <b>Page Layout</b> <ul style="list-style-type: none"> <li>• Read Chapter 6</li> <li>• All items in the materials folder</li> <li>• Chapter 6 Case Study</li> <li>• Project Part 2 – Home Page and Vacation Packages/Tours Wireframe</li> </ul>

Week	Chapter/Topic/Lab
Week 5	<p><b>Project Part 2 Coding</b></p> <ul style="list-style-type: none"> <li>Project Part 2 – Coding the Home and Vacation Packages/Tours Page</li> </ul> <p><b>Responsive Page Layout</b></p> <ul style="list-style-type: none"> <li>Read Chapter 7</li> <li>All items in the materials folder</li> <li>Chapter 7 Case Study</li> <li>Project Part 2 – Peer Review</li> </ul> <p>Flexbox Image Gallery – This assignment is optional. It's worth 10 extra credit points</p>
Week 6	<p><b>Tables</b></p> <ul style="list-style-type: none"> <li>Read Chapter 8</li> <li>All items in the materials folder</li> <li>Chapter 8 Case Study</li> <li>Project Part 3 – Things to Pack Page Wireframe</li> </ul> <p><b>Forms</b></p> <ul style="list-style-type: none"> <li>Read Chapter 9</li> <li>All items in the materials folder</li> <li>Chapter 9 Case Study</li> <li>Project Part 3 - Peer Review</li> </ul>
Week 7	<p><b>Project Part 3 Coding &amp; Project Part 4 Planning</b></p> <ul style="list-style-type: none"> <li>Project Part 3 – Code Things to Pack Page</li> <li>Project Part 4 – Contact and About Us Pages Wireframe</li> </ul> <p><b>Web Multimedia and Interactivity</b></p> <ul style="list-style-type: none"> <li>Read Chapter 11</li> <li>All items in the materials folder</li> <li>Chapter 11 Case Study</li> <li>Project Part 4 – Peer Review</li> </ul>
Week 8	<p>Project Part 4 Coding</p> <ul style="list-style-type: none"> <li>Project Part 4 – Coding Contact Us and About Us Pages</li> </ul>