

## Robbins College of Business and Entrepreneurship Course Syllabus

### INF 250: Introduction to Web Development



**Instructor Name:** Professor Walters

*Interim Chair, Department of Informatics*

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**Office Hours:**

Virtual - Monday - Friday

Email at any time for a phone appointment. Post questions in the discussion boards for responses within 24 hours (excluding weekends). Email all other questions for a response within 48

hours (excluding weekends).

#### **Course Prerequisite**

None

#### **Course Description**

This course provides the concepts and skills for planning, development, and deployment of web-based hypermedia systems. It covers the use of text, graphics, audio, and video in web environments and the conversion of existing systems to web environments. A major web-based project is required. This is a required course for Informatics majors.

#### **Tiger Pact**

I am a tiger. I belong to a strong unique family who strives for greatness and success. I instill integrity and confidence within others as well as myself. I incorporate honesty and responsibility in all that I do. I am the future.

#### **Title IX Information**

FHSU is committed to fostering a safe, productive learning environment. Title IX makes it clear that violence and harassment based on sex, gender and gender identity are Civil Rights offenses subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, etc. This includes all types of gender and relationship violence: sexual violence or harassment, domestic and dating violence, and stalking.

If you wish to speak **confidentially** about an incident of gender and relationship violence, talk to someone at The Kelly Center, the Student Health Center, or the Options Sexual and Domestic Violence Campus Advocate who is housed in the Student Health Center.

If you wish to report an incident or have questions about school policies and procedures regarding Title IX issues, please contact Teresa Clouch, Assistant Vice President for Student Affairs and the FHSU Title IX Coordinator. Or, you can report to Residential Life Staff or University Police, which are **non-confidential reporters**.

If you are unsure about the reporting status of an individual, ask them directly before disclosing sensitive information. If they are non-confidential, they can direct you to someone you can talk to in complete confidentiality, which does not have to be officially reported.

If you have taken these steps, please remember that it is your responsibility to communicate your accommodation needs to your instructor. Your instructor receives ONLY notification that you need accommodation and that you will ask if you'd like to exercise that right. The instructor is not trained to know what accommodation fits your needs. Please communicate specific needs in a timely manner with your instructor so that your learning is facilitated effectively!

## **Course Materials**

### Required Text

Title: Basics of Web Design: HTML5 & CSS3 (5th Edition)

Author: Felke-Morris

ISBN: 978-0135225486

*Note: you can rent either the physical or digital copy of this text*

### Required Hardware

Computer

Camera with microphone

## **Course Objectives**

- Students will understand the key components of the world wide web
- Students will develop a proficiency in HTML5
- Students will evaluate and reflect on visual elements and graphics that comprise web design best practices
- Students will develop a proficiency in CSS3
- Students will apply web development and web design skills to the development of a professional, responsive, and accessible website that reflects modern web development standards

## **Course Delivery and Structure**

Lecture, labs, quizzes, problem sets, projects

## Grading and Evaluation

Your grade will be evaluated as follows:

Assignment	Points	Due Date (and time) <i>late work is not accepted</i>
<b>Are You Ready? Quiz</b> <i>*required to start, but does not count toward overall grade</i>	15	<b>6/5 NOON CST</b> <i>(Take multiple times until you earn 18/18)</i>
<b>Hands-On Exercises #1</b>	30	<b>6/17 NOON CST</b>
<b>Case Study Check #1</b>	20	<b>6/17 NOON CST</b>
<b>Hands-On Exercises #2</b>	30	<b>7/1 NOON CST</b>
<b>Case Study Check #2</b>	20	<b>7/1 NOON CST</b>
<b>++**Final Project Home Page</b> <i>3 attempts to earn 21/30</i>	30 <i>Scores averaged if more than one attempt</i>	<b>7/6 NOON CST</b> <i>First attempt must be submitted by 7/6. If not submitted, your score for your first attempt will be recorded as zero. Don't move forward until approved. Third attempt must be submitted before 7/13 NOON CST</i>
<b>Hands-On Exercises #3</b>	30	<b>7/17 NOON CST</b>
<b>Case Study Check #3</b>	20	<b>7/17 NOON CST</b>
<b>++**Final Project with Self-Assessment</b>	70	<b>7/20 NOON CST</b> <i>Phone interviews, if required, will be scheduled between 7/20 and 7/24</i>
<b>Final Exam</b>	50	<b>7/22 NOON CST</b>
<b>TOTAL</b>	<b>300</b>	

++ PHONE INTERVIEWS MAY BE REQUIRED TO PROPERLY ASSESS WORK

\*\*POST TO THE INFPROJECTS SERVER AND URL SUBMITTED THROUGH BLACKBOARD TO RECEIVE A SCORE.

## Grading Scale:

270 –300	A	High Honors
240- 269	B	Honors
210– 239	C	Satisfactory

180– 209	D	Low Level Passing
179 <	U	Failing

### How are grades determined?

**A. High Honors** - Outstanding and distinguished meeting of course objectives. Excellent understanding and appreciation for the depth and breadth of the subject matter. Requirements completed with distinction in regard to quality uniqueness and clarity of presentation. Independently conceived projects or activities related to the field which enhance student's preparation for his professional objectives are developed and carried out in addition to assigned work.

**B. Honors** - Highly satisfactory and successful meeting of course objectives. Superior interest and understanding of the subject matter. Basic requirements usually completed in a superior manner in regard to the quality of work done, creativity of approach to the task, and general comprehension and knowledge of topic.

**C. Satisfactory** - Successful and respectable meeting of course objectives. Work is usually completed to meet minimum requirements of assignments; it is free of spelling and English grammar errors, ready at the appropriate time with sources of information clearly indicated, and is presented in the neat, business-like format expected of an employed individual.

**D. Low Level Passing** - Work sometimes fails to meet minimum requirements of assignments and often is below the quality generally considered acceptable by an employer.

**U. Failing** - Failure to meet minimum course requirements. Work is often late, below acceptable standards for written or oral communication, and frequently indicates lack of understanding and/or interest in the subject matter.

### Course Policies

- The Instructor reserves the right to make course changes if necessary, and will notify students of these changes through Blackboard announcements and student emails.
- Makeup (late) work is not accepted unless **PRIOR** approval has been granted by the instructor.
- A grade of Incomplete is only granted in extreme cases which are beyond the control of the student.
- All course content is available on Blackboard (syllabus, rubrics, assignment descriptions). It is the responsibility of the student to access and save these files.

### University Policies and Services

- **Academic Honesty:**  
[http://www.fhsu.edu/academic/provost/handbook/ch\\_2\\_academic\\_honesty/](http://www.fhsu.edu/academic/provost/handbook/ch_2_academic_honesty/)
- **Attendance:**  
[http://www.fhsu.edu/academic/provost/handbook/ch\\_2\\_instructional\\_procedures/](http://www.fhsu.edu/academic/provost/handbook/ch_2_instructional_procedures/)
- **Withdrawal:**  
<https://www.fhsu.edu/registrar/Semester-Course-Drop-and-Withdrawal-Policy/>
- **Notice of Accessibility and Services for Students with Disabilities:**
  - If you have a disability that may have an impact on your ability to carry out assigned course work and if you wish to seek any accommodations for this course, you must contact Services for Students with Disabilities (SSD). SSD is located in the Kelly Center, Picken Hall, Room 111, 785-628-4401. SSD will review your documentation and determine, with you, what academic accommodations are necessary and appropriate for you that can be accommodated in this course. All information and documentation of your disability is confidential and will not be released by SSD without your written permission.  
<http://www.fhsu.edu/kellycenter/accessibility/get-access/index.html>
- **Career Services:** <http://www.fhsu.edu/career/>
- **Kelly Center:** <http://www.fhsu.edu/kellycenter/asp/Academic-Help/>
- **Writing Center:** <http://www.fhsu.edu/WritingCenter/>

## Course Schedule

Time Frame	Things You Need to Do (or one LONG checklist)
6/1-6/5	<input type="checkbox"/> Post to Introduction Forum <input type="checkbox"/> Watch Course Tour Video <input checked="" type="checkbox"/> <b>Take Are You Ready? Quiz (until you get 100%)</b> <input type="checkbox"/> Download course files <input type="checkbox"/> Download Text Editor of your choice <input type="checkbox"/> Read Chapter 1: Internet and Web Basics <input type="checkbox"/> Complete Hands-on Practice 1.1 <input type="checkbox"/> Use the Discussion Board to post questions about the course or its content
	<input type="checkbox"/> Read Chapter 2: HTML Basics <input type="checkbox"/> Complete Hands-on Practices 2.1 - 2.15 <input type="checkbox"/> Complete Hands on Exercises 2.1-2.7 <input type="checkbox"/> <b>Start Hands-on Exercises #1 Assignment</b> by completing the assigned activity for chapter 2 ( <i>remember, you can access this assignment on Blackboard, log in and out multiple times, and save answers along the way</i> ).

	<ul style="list-style-type: none"> <li><input type="checkbox"/> Save your assignment on your computer for now. You will upload to the infprojects server and save the URL in your <b>Hands-on Exercises #1 Assignment</b> submission link next week. <b>Do NOT submit at this time.</b></li> <li><input type="checkbox"/> Start the Chapter 2: Pacific Trails Resort Case Study following the instructions found at the back of Chapter 2</li> </ul>
6/5 - 6/17	<ul style="list-style-type: none"> <li><input type="checkbox"/> Read Chapter 3: Web Design Basics</li> <li><input type="checkbox"/> Continue <b>Hands-on Exercises #1 Assignment</b> by completing the assigned activities for chapter 3 (<i>remember, you can access this assignment on Blackboard, log in and out multiple times, and save answers along the way</i>).</li> <li><input type="checkbox"/> Upload your assignment (and the chapter 2 assignment) to the infprojects server and save the URL in your <b>Hands-on Exercises #1 Assignment</b> submission link.</li> <li><input type="checkbox"/> Note: There is nothing to do for the case study in Chapter 3</li> </ul>
	<ul style="list-style-type: none"> <li><input type="checkbox"/> Read Chapter 4: Cascading Style Sheets Basics</li> <li><input type="checkbox"/> Complete Hands-on Practices 4.1 - 4.8</li> <li><input type="checkbox"/> Finish <b>Hands-on Exercises #1 Assignment</b> by completing the assigned activity for chapter 4 (<i>remember, you can access this assignment on Blackboard, log in and out multiple times, and save answers along the way</i>).</li> <li><input type="checkbox"/> Upload your assignment to the infprojects server and save the URL in your <b>Hands-on Exercises #1 Assignment</b> submission link.</li> <li><input type="checkbox"/> <b>SUBMIT your Hands-on Exercises #1 Assignment</b></li> <li><input type="checkbox"/> Complete the Chapter 4: Pacific Trails Resort Case Study</li> <li><input type="checkbox"/> Upload your case study to the infprojects server</li> <li><input type="checkbox"/> <b>SUBMIT your Case Study Check #1</b></li> </ul>
6/18-7/1	<ul style="list-style-type: none"> <li><input type="checkbox"/> Read Chapter 5: Graphics &amp; Text Styling Basics</li> <li><input type="checkbox"/> Complete Hands-on Practices 5.1 - 5.8</li> <li><input type="checkbox"/> Complete Hands-on Exercises 5.1 - 5.6</li> <li><input type="checkbox"/> Start <b>Hands-on Exercises #2 Assignment</b> by completing the assigned activity for chapter 5 (<i>remember, you can access this assignment on Blackboard, log in and out multiple times, and save answers along the way</i>).</li> <li><input type="checkbox"/> Start the Chapter 5: Pacific Trails Resort Case Study</li> </ul>
	<ul style="list-style-type: none"> <li><input type="checkbox"/> Read Chapter 6: More CSS Basics</li> </ul>

	<ul style="list-style-type: none"> <li><input type="checkbox"/> Complete Hands-on Practices 6.1 - 6.10</li> <li><input type="checkbox"/> Hands-on Exercises 6.1-6.7 (p. 208)</li> <li><input type="checkbox"/> Continue with the Chapter 6: Pacific Trails Resort Case Study</li> </ul> <hr/> <ul style="list-style-type: none"> <li><input type="checkbox"/> Read Chapter 7: Page Layout Basics</li> <li><input type="checkbox"/> Complete Hands-on Practices 7.1 - 7.9</li> <li><input type="checkbox"/> Hands-on Exercises 7.1-7.4 (p. 250)</li> <li><input type="checkbox"/> Continue the <b>Hands-on Exercises #2 Assignment</b> by completing the assigned activity for chapter 7 (<i>remember, you can access this assignment on Blackboard, log in and out multiple times, and save answers along the way</i>).</li> <li><input type="checkbox"/> Continue with the Chapter 7: Pacific Trails Resort Case Study</li> <li><input type="checkbox"/> <b>VERY IMPORTANT:</b> Read <u>"Your Guide to Developing an Amazing Final Project"</u></li> <li><input type="checkbox"/> Decide on your topic for your final project and begin gathering content</li> </ul> <hr/> <ul style="list-style-type: none"> <li><input type="checkbox"/> Read Chapter 8: Responsive Layout Basics</li> <li><input type="checkbox"/> Complete Hands-on Practices 8.1 - 8.10</li> <li><input type="checkbox"/> Complete Hands-on Exercises 8.1-8.4 (p. 298)</li> <li><input type="checkbox"/> Finish <b>Hands-on Exercises #2 Assignment</b> by completing the assigned activity for chapter 8 (<i>remember, you can access this assignment on Blackboard, log in and out multiple times, and save answers along the way</i>).</li> <li><input type="checkbox"/> Upload your assignment to the infprojects server and save the URL in your <b>Hands-on Exercises #2 Assignment</b> submission link.</li> <li><input type="checkbox"/> <b>SUBMIT your Hands-on Exercises #2 Assignment</b></li> <li><input type="checkbox"/> Complete the Chapter 8: Pacific Trails Resort Case Study</li> <li><input type="checkbox"/> Upload your case study to the infprojects server</li> <li><input type="checkbox"/> <b>SUBMIT your Case Study Check #2</b></li> </ul>
7/1 - 7/6	<ul style="list-style-type: none"> <li><input type="checkbox"/> Read Chapter 9: Table Basics</li> <li><input type="checkbox"/> Complete Hands-on Practices 9.1 -9.4</li> <li><input type="checkbox"/> Complete Hands-on Exercises 9.1 - 9.3 (p. 324)</li> <li><input type="checkbox"/> Start <b>Hands-on Exercises #3 Assignment</b> by completing the assigned activity for chapter 9 (<i>remember, you can access this assignment on Blackboard, log in and out multiple times, and save answers along the way</i>).</li> <li><input type="checkbox"/> Start the Chapter 9: Pacific Trails Resort Case Study</li> <li><input type="checkbox"/> <b>SUBMIT your Final Project Homepage</b></li> </ul> <p><b>IMPORTANT NOTE:</b> Hopefully you earn a C (21/30) or higher on your first attempt, but if not you have 3 attempts. However your scores will be averaged. For example, if you receive 5 on your</p>

	<p>first attempt and 30 on your second attempt, your score would be 17.5. Review requirements and ask questions before submitting!</p>
7/7 - 7/13	<ul style="list-style-type: none"> <li><input type="checkbox"/> Final Project Homepage Revisions (If Needed)</li> <li><input type="checkbox"/> Final Project - Use your approved homepage as your template to create your remaining content pages..</li> <li><input type="checkbox"/> Read Chapter 10: Form Basics</li> <li><input type="checkbox"/> Complete Hands-on Practices 10.1-10.6</li> <li><input type="checkbox"/> Complete Hands-on Exercise 10.1 (p. 368)</li> <li><input type="checkbox"/> Continue <b>Hands-on Exercises #3 Assignment</b> by completing the assigned activity for chapter 10 (<i>remember, you can access this assignment on Blackboard, log in and out multiple times, and save answers along the way</i>).</li> <li><input type="checkbox"/> Continue with the Chapter 10: Pacific Trails Resort Case Study</li> </ul>
7/14 - 7/17	<ul style="list-style-type: none"> <li><input type="checkbox"/> Final Project - Use your approved homepage as your template to create your remaining content pages. <u>Make sure to include all required elements</u>. Review the rubric before submitting. You will see that <b>if you leave even one requirement out of the project, you score is significantly reduced</b> (so don't do that, OK!) Take time to answer all self-assessment questions!</li> <li><input type="checkbox"/> Read Chapter 11: Media and Interactivity Basics</li> <li><input type="checkbox"/> Complete Hands-on Practices 11.1-11.10</li> <li><input type="checkbox"/> Complete Hands-on Exercises 11.1- 11.5 (p. 408)</li> <li><input type="checkbox"/> Complete <b>Hands-on Exercises #3 Assignment</b> by completing the assigned activity for chapter 11 (<i>remember, you can access this assignment on Blackboard, log in and out multiple times, and save answers along the way</i>).</li> <li><input type="checkbox"/> <b>SUBMIT your Hands-on Exercises #3 Assignment</b></li> <li><input type="checkbox"/> Complete Chapter 11: Pacific Trails Resort Case Study</li> <li><input type="checkbox"/> Read Chapter 12: Web Publishing Basics</li> <li><input type="checkbox"/> Complete Chapter 12: Pacific Trails Resort Case Study</li> <li><input type="checkbox"/> <b>SUBMIT your Case Study Check #3</b></li> </ul>
7/18 - 7/20	<ul style="list-style-type: none"> <li><input type="checkbox"/> Final Project - <u>Make sure to include all required elements</u>. Review the rubric before submitting. You will see that if you leave even one requirement out of the project, you score is significantly reduced (so don't do that, OK!) Take time to answer all self-assessment questions!</li> <li><input type="checkbox"/> <b>SUBMIT your Final Project/Self-Assessment</b></li> </ul>
7/20- 7/22	<ul style="list-style-type: none"> <li><input type="checkbox"/> <b>SUBMIT your Final Exam -</b>  <i>timed/open-book/comprehensive/multiple-choice</i>  <i>Available from 7/20 NOON cst to 7/22 NOON cst</i></li> </ul>