Basic Course Information

Semester	**Fall 2014**	Instructor Name	**Omar E. Ramos**
Course Title & #	**CIS 212 – XHTML, CSS and JavaScript**	Email	**omar.ramos@imperial.edu**
CRN #	**10273**	Webpage (optional)	**http://imperial.blackboard.com**
Room	**2724**	Office	**903**
Class Dates	**August 18 – December 12**	Office Hours	**Please email me ahead of time**
Class Days	**Thursdays**	Office Phone #	**760-355-6500**
Class Times Units	**06:30 PM – 9:40 PM** **3 Units**	Office contact if student will be out or emergency	**760-355-6377**

Course Description

This course introduces students to the Extensible Hypertext Markup Language (XHTML) and Cascading Style Sheets (CSS) languages used to create and style web pages. Topics include remote development using a web server, page construction using XHTML, page layout using CSS, selectors and the box model, creating accessible tables, getting user input using XHTML forms and other related topics. This course also includes adding interactivity to Web pages using JavaScript. (CSU)

Student Learning Outcomes

1. Write correctly formatted XHTML. (ILO1, ILO2, ILO4, ILO5)
2. Write correctly formatted CSS. (ILO1, ILO2, ILO4, ILO5)
3. Add interactivity to web pages using JavaScript.(ILO1, ILO2, ILO4, ILO5)

Course Objectives

Upon satisfactory completion of the course, students will be able to:

1. Use and write common html elements from memory for paragraphs, headings, titles, links, images, tables and line breaks.
2. Write correctly formatted XHTML.
3. Use and write common style sheet selectors for html elements.
4. Use and write common style sheet attributes for selectors, including those changing fonts, font sizes, font colors, backgrounds, widths, heights, alignments, borders, etc.
5. Write correctly formatted CSS.
6. Connect to a web server via FTP and upload new or edit existing files.
7. Construct a table using the <table>, <thead>, <tfoot>, <tbody>, <tr>, <td> elements.
8. Construct an html form with code completion assistance.
9. Use the "id" and "class" attributes in html elements to create more specific CSS selectors.
10. Analyze the difference between forms submitted with the "post" method and the "get" method and determine when to use them.
11. Use the box model to correctly add internal padding and external margins to an html element.
12. Use the Firefox Extension "Firebug" to assist style sheet creation and editing.
13. Access and manipulate the Document Object Model via JavaScript
14. Add interactivity to web pages using JavaScript.

Textbooks & Other Resources or Links

1. Head First HTML with CSS and XHTML, Freeman and Freeman, 2006. ISBN-13: 978-0-596-10197-8
2. Head First HTML5 Programming: Building Web Apps with JavaScript, Freeman and Robson, 2011. ISBN-13: 978-1449390549

Course Requirements and Instructional Methods

- There will be two homework assignments each week which will be based off of the current week's readings in the book.
- There will be one quiz each week.
- You will be expected to read 2 chapters each week from the books that will be used in the course and I expect everyone to have a copy of the book by Week 2, though you should get started with Chapter 1 & 2 for Week 1 so please order your copies online or buy them in the bookstore as soon as you can.
- For any code you are required to turn in I'll expect it to be posted online at http://spaces.imperial.edu/students using SFTP to upload your files to the server and I'll expect it to be turned in within Blackboard too (for Blackboard you'll have to gather your files and ZIP them and upload the ZIP file to Blackboard).
- There will be 3-6 projects during the semester, which will demonstrate that you've gained the required knowledge to meet the Student Learning Outcomes for the course.

Course Grading Based on Course Objectives

Grading:	Attendance and Lab Participation:	150 points
	Homework	400 points
	Quizzes	150 points
	Projects	300 points
	Total Points:	**1000 points**
Grading Scale:	**A**	**90%+**
	B	**80%+**
	C	**70%+**
	D	**60%+**
	F	**59% and below**

To receive credit, homework must be turned in on time at the beginning of each class session **(late homework assignments will not be accepted).** Due to the length of time that will be given for each project, students must turn in everything completed on the project due date to receive credit **(late project assignments will not be accepted).** Quizzes will be conducted via Blackboard. They will be generally be short and will be based off of homework, lecture and possibly lab materials already covered. **Your attendance in class is important**.

Attendance

- A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.
- Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
- Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

Classroom Etiquette

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class unless otherwise directed by the instructor. **Consider:** specifics for your class/program
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.

Academic Honesty

- Plagiarism is to take and present as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to correctly 'cite a source', you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment or using or attempting to use materials, or assisting others in using materials, or assisting others in using materials, which are prohibited or inappropriate in the context of the academic assignment in question. Anyone caught cheating will receive a zero (0) on the exam or assignment and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General School Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to the following:
    - plagiarism
    - copying or attempting to copy from others during an examination or on an assignment;
    - communicating test information with another person during an examination;
    - allowing others to do an assignment or portion of an assignment
    - use of a commercial term paper service

Additional Help

- Blackboard support center: http://bbcrm.edusupportcenter.com/ics/support/default.asp?deptID=8543
- Learning Labs: There are several 'labs' on campus to assist you through the use of computers, tutors, or a combination. Please consult your college map for the Math Lab, Reading & Writing Lab, and Learning Services (library). Please speak to the instructor about labs unique to your specific program
- Library Services: There is more to our library than just books. You have access to tutors in the learning center, study rooms for small groups, and online access to a wealth of resources.

Disabled Student Programs and Services (DSPS)

Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible. The DSP&S office is located in Building 2100, telephone 760-355-6312 if you feel you need to be evaluated for educational accommodations.

Student Counseling and Health Services

Students have counseling and health services available, provided by the pre-paid Student Health Fee. We now also have a fulltime mental health counselor. For information see http://www.imperial.edu/students/student-health-center/. The IVC Student Health Center is located in the Health Science building in Room 2109, telephone 760-355-6310.

Student Rights and Responsibilities

Students have the right to experience a positive learning environment and due process. For further information regarding student rights and responsibilities please refer to the IVC General Catalog available online at http://www.imperial.edu/index.php?option=com_docman&task=doc_download&gid=4516&Itemid=762

Information Literacy

Imperial Valley College is dedicated to help students skillfully discover, evaluate, and use information from all sources. Students can access tutorials at http://www.imperial.edu/courses-and-programs/divisions/arts-and-letters/library-department/info-lit-tutorials/

Anticipated Class Schedule / Calendar

Required Information –Discretionary Language and Formatting: The instructor will provide a tentative, provisional overview of the reading, assignments, tests, or other activity for the duration of the course. The faculty may find a table format useful for this purpose.

Date	Activities and Assignments	Topics
Week 1	Syllabus & Introduction Labs 1 & 2 Homeworks 1 & 2 Quiz 1 Head First HTML with CSS and XHTML Chapters 1 & 2	Getting to Know HTML Learning about Hypertext
Week 2	Labs 3 & 4 Homeworks 3 & 4 Quiz 2 Head First HTML with CSS and XHTML Chapters 3 & 4	Building Blocks of Webpages Domain Names, Servers, FTP
Week 3	Labs 5 & 6 Homeworks 5 & 6 Quiz 3 Head First HTML with CSS and XHTML Chapters 5 & 6 Project 1 Starts	Adding Images to Pages HTML Standards
Week 4	Labs 7 & 8 Homeworks 7 & 8 Quiz 4 Head First HTML with CSS and XHTML Chapters 7 & 8 Project 1 Due	Moving to XHTML Getting Started with CSS
Week 5	Labs 9 & 10 Homeworks 9 & 10 Quiz 5 Head First HTML with CSS and XHTML Chapters 9 & 10	Styling with Fonts and Colors The Box Model
Week 6	Labs 11 & 12 Homeworks 11 & 12 Quiz 6 Head First HTML with CSS and XHTML Chapters 11 & 12 Project 2 Starts	DIVs and SPANs Layout and Positioning

Date	Activities and Assignments	Topics
Week 7	Labs 13 & 14 Homeworks 13 & 14 Quiz 7 Head First HTML with CSS and XHTML Chapters 13 & 14 Project 2 Due	Tables and Lists XHMTL Forms
Week 8	Labs 15 & 16 Homeworks 15 & 16 Quiz 8 Head First HTML5 Programming Chapters 1 & 2	Getting to know HTML5 Introducing JavaScript and the DOM
Week 9	Labs 17 & 18 Homeworks 17 & 18 Quiz 9 Head First HTML5 Programming Chapters 3 & 4	Adding interactivity to pages using JavaScript Events Creating JavaScript Functions/Objects
Week 10	Labs 19 & 20 Homeworks 19 & 20	Geolocation Talking to Web
	Quiz 10 Head First HTML5 Programming Chapters 5 & 6 Project 3 Starts	Services
Week 11	Labs 21 & 22 Homeworks 21 & 22 Quiz 11 Head First HTML5 Programming Chapters 7 & 8 Project 3 Due	Create 2D Art with Canvas Video + Canvas
Week 12	Labs 23 & 24 Homeworks 23 & 24 Quiz 12 Head First HTML5 Programming Chapters 9 & 10 Project 4 Starts	Web Storage Web Workers
Week 13	Project 5 Due Semester Recap + Lecture on Continuing to build up your skills and knowledge once the semester is done Final Project Starts	Review
Week 14	Continue working on Final Project	
Week 15	No class due to Thanksgiving Break. Continue working Final Project	
Week 16	Final Project Presentations	