Syllabus: Web I – HTML + CSS

CE 2411/N 01 l Summer 2016

SSyll

Continuing Education

Course Information:

Location: Terra Hall – Room 1113
Dates: Mon | 05-23-2016 to 08-08-2016 **| 6 – 9** PM

Instructor Information:

Name: Juan M. Parada
Email: jparada@uarts.edu
Email Policy: If you have any questions during the course of the class, please email me. I will do my best to respond to you within 24 hours on weekdays (Mon-Fri) and within 48 hours on weekends (Sat-Sun).

Instructor Bio: Juan has over 15 years of web design and development experience and is a professor at the University of the Arts.

Course Description:

Increasingly, the Web is becoming the de facto medium for communicating and networking with others, sharing and accessing information and knowledge, doing business, and engaging the world. This studio course focuses on the creation of web sites through the concepts and practical application of interactivity. Comprised of readings and group discussions, short assignments, and long-term projects, individual creativity and iterative design are stressed as well as the understanding and use of the Web as an interactive platform in the communication of ideas.

Pre-requisites:

Classes or Knowledge Required for this Course
The prerequisites for this course are CE 002C – Designing Effective Web Pages and CE 9506C Foundations of Web Design.

Students should also have familiarity navigating a computer's file structure, zipping and unzipping files, and a general level of comfort using a computer and typing.

Course Overview:

This course engages students in the web creation process using the most universal tools in web development: HTML and CSS. This course covers all phases of website development: planning, Information Architecture, design, layout, construction, launch, troubleshooting and usability. The main focus is on translating designs into code using css for layout, navigation, and image control.

Students will make use of any number of HTML editors, however the focus of the course is on learning to code HTML and CSS directly.

The class web site is the official source for all dates and assignments:

http://www.322ides.com/?cat=6

The syllabus provides a general overview and guidelines for the course. The web site is a living, dynamic document.

Course Objectives/Learning Objectives:

At the end of this course, students will be able to:

- Identify and use basic HTML tag elements and attributes
- Identify CSS and use CSS selectors to style HTML
- Create complex layouts using CSS with an understanding of static and fluid layouts as well as floats and positioning
- Differentiate between absolute and relative URLs and identify appropriate use cases for both
- Revise a web page based on user feedback
- Implement various design elements using best practices and limiting the number and size of images
- Create user-friendly navigation and architecture that provides quick access to varied content
- Optimize websites for mobile devices
- Website hosting and Domain registration: how to make this work for you

COURSE RESOURCES:

Software

Course will be conducted using any number of editors for code development. Students may use code editing program on their machines such as Blue Griffon (a free WYSIWYG program) or a simple text editor such as BBEdit, TextWrangler, TextMate, or TacoHTML which are free to try and less than $60 to purchase.

Students will also be asked to read selections from pertinent web sources.
Online Resources
Students will be given access to an online repository for course materials.

Additional Course Materials | Supplies:

Students are encouraged to purchase a USB drive with a minimum memory capacity of 2GB and come prepared with it to each class session. In lieu of a USB drive, students may also create a DropBox account, if they do not already have one. This will allow them to easily transfer course materials to and from the classroom.

COURSE ACTIVITIES:

Readings

One to two chapters from the textbook and one or two additional readings will be assigned each week.

Presentations

Most weeks there will be an instructor presentation related to the readings. Students are expected to complete all readings after the weekly in-class presentation. The presentation will be focused on the introduction of topics and the reading materials will expand upon what is discussed in class.

Homework:
Students will be required to complete all Homework. Homework will consist of performance-based exercised based on the readings + presentations.

Assignments:
There will be weekly assignments for this course. Assignments will be presented in class. Students will be given any assignment-specific files.

COURSE POLICIES:

Student Feedback/Communication
I welcome all feedback on the course. My preferred method of communication with individual students is via email. Students are offered the opportunity to complete an official mid-semester evaluation of the course. This evaluation is traditionally delivered + completed electronically at the beginning of the fourth class session.
If you experience a legitimate emergency that will prevent you from completing required coursework on time, I expect you to communicate with me at the earliest reasonable opportunity. Please state the nature of the emergency and when you expect to turn in the coursework.

Submitting Electronic Files
All electronic files must be submitted in a zip file unless otherwise stated by the instructor. The instructor will give specific details for submitting homework assignments during the first week of class.

Attendance
Attendance is mandatory and essential to your performance. The information needed to complete assignments properly will be given in class. As a student in this course, it is your responsibility to make certain you obtain information covered should you miss a class session. Previously absent students must come to the following class with all of the appropriate work due for that day. All students are expected to arrive to class on time and remain present for the duration of the class. Be aware that tardiness and early dismissals will accumulate in absences.

2 absences = lowered grade
2 late arrivals / early dismissals = 1 absence
30 minutes late arrival/early dismissal = 1 absence

Students who withdraw from a course must do so in writing. Nonattendance does not constitute an official withdrawal.

UNIVERSITY POLICIES:

Academic Honesty/ Integrity Policy

Violations of academic integrity are considered to be acts of academic dishonesty and include (but are not limited to) cheating, plagiarizing, fabrication, denying others access to information or material, and facilitating academic dishonesty, and are subject to disciplinary action. To review the **Academic Honesty/ Integrity Policy** in its entirety, please visit:
http://cs.uarts.edu/ce/policies#academichonesty/integritypolicy

ACT 48 Activity Hours

To have ACT 48 Activity Hours for this course reported to the Pennsylvania Department of Education (PDE) you must complete and return the CE Request for Activity Hours Submission Form to the UArts Continuing Studies Office and meet all requirements outlined by the PDE.

Student Code of Conduct

It is the policy of the Division of Continuing Studies to provide a safe and healthy environment for learning, personal growth and enjoyment. The well being of this community depends upon the good judgment and considerate behavior of its members. Student status at The University of the Arts is not an unconditional right, but a privilege subject to certain rules and expectations articulated in the Student Code of Conduct. To review the Student Code of Conduct in its entirety, please visit: http://cs.uarts.edu/uploads/media_items/student-code-of-conduct.original.pdf

GRADING:

Your grade will be based on the following:

Component	Points
Homework	50%
Final Project	50%
Total	100%

Your grade will be calculated using the following scale:

Grade	Percentage Range	Grade Point
A	100 – 93%	4.0
A-	92 – 90%	3.67
B+	89 – 87%	3.33
B	86 – 83%	3.0
B-	82 – 80%	2.67
C+	79 – 77%	2.33
C	76 – 73%	2.0
C-	72 – 70%	1.67
D+	67 – 69%	1.33
D	63 – 66%	1.0
F	59% or less	0.0
I	Incomplete	-
P	Pass	-

SCHEDULE:

SESSION/DATE	TOPIC	COURSEWORK	DUE THIS WEEK
1	Introduction	***Lesson Topics:*** ▪ Class/Course Introductions ▪ Domain name and Hosting ▪ Review: Basics of HTML/CSS ***Assignments:*** ▪ Buy a domain name and Hosting account ▪ Create a Basic splash page with images, links, and headings. ▪ Select topic/project and begin research	
2	Planning a site	***Lesson Topics:*** ▪ What is User Experience? ▪ Review sites: what not to do. ▪ Review Web Development Process ▪ Prototyping ***Assignments:*** ▪ Create Site Maps, wireframes ▪ Create a quick prototype ▪ 1-2 page proposal For Final Website. Discuss limitations and example sites (present next week)	
3	Prototyping and Web design basics	***Lesson Topics:*** ▪ HTML Tables ▪ HTML Semantic tags and Meta tags ▪ Basic Web Design fiunadamentals including the 960 grid ▪ Mult-platform design: mobile ***Assignments:*** ▪ Revise IA and Wireframes based on feedback ▪ Build out your Site prototype using your final wire frames. Include mobile options HTML: ▪ 1. Use Metatags (refresh and redirect) ▪ 2. Try a table. Try using Photoshop/slices to create a table mounted image. Text over image? ▪ Revise website prototype based on class feedback. ▪ We will review in class next week.	
4	Interface Design	***Lesson Topics:*** ▪ Web Typography (inserting) ▪ Review design basics ▪ Introduce CSS ***Assignments:*** ▪ Create site interface in PSD (present as .JPG) ▪ HTML/CSS: ▪ Create your own mini web site (at least 3 pages), using css to complete the following on each page: ○ 1. place background image,	

		○ 2. Use the “box model” ○ 3. Use pseudo classes	
5	CSS	***Lesson Topics:*** ▪ CSS Review ▪ Box model ▪ Advanced CSS topics ***Assignments:*** HTML/CSS: ▪ Practice using external CSS ▪ Practice CSS priorities ▪ Practice opacity ▪ practice z-index ▪ drop shadow ▪ try a 3 column layout Design: ▪ Revise your design based on feedback and present next week.	
6	Advanced CSS	***Lesson Topics:*** ▪ :first-child selector ▪ Positioning ▪ Cursors ▪ Drop down menus ○ Implementation ○ The role of Lists ***Assignments:*** ▪ Try :first child selector ▪ Try implementing a drop down menu ▪ Intro to HTML5	
7	HTML 5	***Lesson Topics:*** ▪ Review HTML5 ▪ Practical examples ▪ Media Queries ▪ Favicon ▪ Introduction to JS ***Assignments:*** ▪ HTML5 ▪ JS baics ▪ Implement Favicon	
8	JavaScript and other goodies	***Lesson Topics:*** ▪ Putting it together: Sliders and galleries ▪ Using Media Queries: More info ▪ Adaptive design and development ▪ Cross browser development ***Assignments:*** ▪ Work on your final Site. ▪ Beta site due next week	

9	Beta	***Lesson Topics:*** ▪ Present Beta Site ▪ Review final details ▪ Video and Multimedia ▪ Social media integrtation ***Assignments:*** ▪ Work on Final Site. ▪ Final deliverables	
10	Presentations	***Lesson Topics:*** ▪ Present Final Projects	