New York City College of Technology
The City University of New York
Department of Communication Design

COMD 3551 - Web Design II: Advanced HTML & CSS

Course Description
User experience (UX) and user interface (UI) web design, with a focus on mastering HTML and CSS. Using graphics software and code editors, students will learn about the latest standards, technologies, and design techniques using a Mobile First and Responsive Design approaches.

2 cl hrs, 2 lab hrs, 3 cr.

Prerequisite
COMD 2451

Course Objectives

INSTRUCTIONAL OBJECTIVES	ASSESSMENT
For the successful completion of this course, students should be able to:	**Evaluation methods and criteria**
Create a web site (not a portfolio web site) to brand and market a product, service, or information on a specific topic.	Students will demonstrate competency by conceiving and proposing a website topic (chosen or assigned.)
Deconstruct the process of site design and implementation	Students will demonstrate competency by documenting the proper workflow through the use of flowcharts, wireframes, screenshot designs.
Learn, in depth, the tags and syntax used in XHTML and CSS, to an intermediate to expert skill level.	Students will demonstrate competency through tests, assignments, and studies.

Learn how to build a layout, coding by hand, the basic layout alternatives: fixed, liquid and elastic layouts, and the different forms of positioning: absolute, relative, floated.	Students will display competency through tests and assignments.

Introduction to the integration of other web technologies: Forms, Javascript, PHP, Flash.	Students will display competency through implementation.

General Education Outcome covered:	How the outcome is assessed:
Written Communication Write to express ideas clearly and concisely.	Evaluate how well students absorbed and consequently applied the learning though graded written portions of projects.
Information Literacy Research and evaluate information sources.	Assess through class discussion and written tests if students have developed the ability to find information trough proper resources.
Oral Communication Prepare and deliver oral communication that promotes knowledge and understanding.	Evaluate through class discussion and /or written tests if students use appropriate nomenclature to defend creative, critical and technical decisions in project concepts and development.

Teaching/Learning Method
- Lectures and readings
- Demonstration
- Project based labs
- Research assignments
- Blackboard

Required Text
None

Suggested Text:
Styling With CSS
Charles Wyke-Smith
New Riders
ISBN-10:0-321-52556-6

CSS Mastery, Advanced Web Standards
Andy Budd

Friends of ED
ISBN-10: 1-59059-614-5

Attendance (College) and Lateness (Department) Policies:
The COMD BFA and AAS degrees are design studio programs. In-class laboratory activities and engagement with other students is a significant portion of the courses. Absences more than 10% of the total

class hours may result in a 10% drop from your grade due to an inability to meet the deliverables of participation. This may be in addition to other penalties that will be imposed for failure to complete in-class academic requirements. Missing more than 25% of total class meetings will not be permitted. Any two 'lates' (15 minutes or more) will be equal to 1 absence.

Academic Integrity Standards
Students and all others who work with information, ideas, texts, images, music, inventions and other intellectual property owe their audience and sources accuracy and honesty in using, crediting and citation of sources. As a community of intellectual and professional workers, the college recognizes its responsibility for providing instruction in information literacy and academic integrity, offering models of good practice, and responding vigilantly and appropriately to infractions of academic integrity. Accordingly, academic dishonesty is prohibited in The City University of New York and is punishable by penalties, including failing grades, suspension and expulsion. More information about the College's policy on Academic Integrity may be found in the College Catalog.

Grading
90% = Course projects/assignments
        Project 40%
        Homework 30%
        Quiz 20%

10% = Class preparation/participation/attendance
        CP/P/A 10%

Topics

WEEK	Lecture Topic	Laboratory Exercise	Homework Assignment
1 ● ● ●	Overview of Web II ● syllabus Introduction to domain ● registries and hosting service Confirm prerequisite ●	Review course ● syllabus. Students will select domain name and ● register Students will sign up for hosting service	Students will select domain name and register Students will sign up for hosting service

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| 2 ● ● ● ● | Page code overview   ●
 Organizing your files
 Setting up a site
 Layout a quick page | Layout a quick page ● | Layout a quick page
 3 design concepts, prepare for presentation (not a portfolio site.) |

3 ●	Present 3 design concepts for critique ●	Present 3 design concepts for critique ●	Present 3 design concepts for critique
4 ● ● ● ● ●	CSS Overview In depth review of the cascade, inheritance, properties, attributes values Inline, embedded, external Pseudo classes Selectors: child, sibling,	Exercises in CSS	Exercises in CSS
5 ● ● ● ●	Styling fonts and text ● Sizing Font properties Text properties	Style type on a page ●	Style type on a page
6 ● ●	The box model ● Floating and clearing	The box model ● exercises	The box model exercises
7 ● ●	Positioning: static, relative, ● absolute, fixed ● The display property	Positioning exercise ● Questions for quiz ●	Positioning exercise Study for quiz
8 ● ● ●	Page layout: 1, 2, 3, column ● Floated, absolute ● Fixed, liquid, elastic	Quiz ● Page layout exercise	Page layout exercise
9 ● ●	Q&A ● Build out website	Build out website ●	Build out website
10 ●	Tables and Forms ●	Tables and Forms ● exercise ●	Tables and Forms exercise Build out website
11 ●	Lists and Menus ●	Lists and Menus ● exercise ●	Lists and Menus exercise Build out website
12 ●	Javascript ●	Javascript exercises ●	Javascript exercises Build out website

14 ●	Preliminary individual review of project ● ●	Preliminary individual review of project Questions for quiz ● ●	Study for quiz Build out website
13 ●	Flash Intro and actionscripting ● ●	Quiz Flash Intro and actionscripting ● ●	Flash Intro and actionscripting exercise Build out website

		exercise	
15 ●	Final presentations ●	Final presentations & critique	

Bibliography

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http://www.alistapart.com

http://www.w3.org/

http://www.lynda.com HYPERLINK "http://www.lynda.com"