Instructor:	Matthew King
Email:	mking@uplifteducation
Phone:	214-276-0352
Division Office:	Room #116
Office Hours:	Period 3A
Please note:	Emails will be returned within 48 hours when received.

IMED 2315: Web Design II

This course covers advanced concepts of HTML5 and CSS3 and includes an introduction to Javascript. Current Web techniques are applied to an industry standard planning process. Prior knowledge of HTML and beginning aspects of CSS is required.

Prerequisites
IMED 1316 Web Design I
Photoshop and Javascript are not required, but strongly encouraged prior to this class.

Learning Outcomes

- Analyze and build common web page structures using preferred contemporary techniques.
- Stengthen command of HTML5 and CSS3 techniques.
- Build tableless and responsive layouts.
- Design sites suitable for a variety of devices.
- Build a library of working examples including CSS transitions, jQuery widgets, Audio, and Video.
- Gain a limited set of skills in Javascript, with documentation and/or working examples.
- Incorporate Search Engine Optimization and usability considerations into sites.
- Understand the role of a front-end designer in a web design team and the contributions of other team members.
- Improve design skills for effectiveness, aesthetics, and usability.
- Build a portfolio website foundation.
- Practice a methodology for tackling challenges beyond those experienced in class.

Objectives

This class will endeavor not only to give students hands-on experience in the most in-demand technologies in front-end web design, but to equip them with a library of working examples of structures and techniques. Students will also build the beginnings of a portfolio website.

Text/Software/Materials

TEXT: Visual Quickstart Guide: HTML and CSS Eighth Edition by Castro and Hyslop
SOFTWARE: Classroom instruction will utilize Adobe Dreamweaver, although web code can be edited in any text editor such as TextEdit (Mac) or Notepad (PC). Some image editing is involved. Photoshop is available in classroom computers.

MATERIALS: Students must have web and email

access.

Overview

The course will open with a hands-on review of website structural elements. We will build pages in the still relevant structural approaches of yesterday (absolute positioning) and today (tableless). Then we will learn the structure of tomorrow; responsive layouts. Remaining in contemporary structures, we'll add interactivity, motion, multimedia, jQuery widgets, and address the demands of mobile layouts.

Williams Preparatory Methods Of Assessment:

PROJECTS & TESTS (50% of quarterly grade):
In our units of study, we will be working towards a final project. In order to demonstrate understanding of the unit's objectives, students will complete a final project that may be interdisciplinary and have multiple components. Project due dates will be given with ample time for completion and expectations will be made clear through the use of the MYP IB Technology rubrics. Unit projects will be counted as two test grades.

QUIZZES (30% of quarterly grade):
Tests will be given at the end of each unit to check for mastery on objectives taught in class. My goal is for you to master all objectives taught. Tests will be entered as 2 times the weight of a quiz. Quizzes are short assessments of key concepts or concepts or skills that should help determine your basic level of mastery. Quizzes may be announced or unannounced. Quizzes may also be given at the end of class to determine how well you understood the day's lesson. Quizzes are intended to help you track your progress and identify areas you should study more intensively.

DAILY ASSIGNMENTS/HOMEWORK (20% of quarterly grade):
This category will include assignments completed during one class period or less; or for homework.

FINAL PROJECT (20% of 2nd semester grade):
Scholars will be asked to put together a culminating year end project that will require the use of all major skills and technologies taught during this school year. The project will be built collaboratively with 1-2 peers.

Your final course grade will be determined as shown:

Points Earned	Final
90%	A
80%	B
70%	C
Below 60%	F

Williams Preparatory Course Policies:

ATTENDANCE/PARTICIPATION EXPECTATIONS: This class is designed as a process of hands-on discovery, which takes place in class. There is no textbook. There will be research assignments, but the primary learning experiences will be in-class exercises. Classroom exercises and their subsequent documentation are heavily weighted in grading. There is no substitute for attending class. Further, it is important to be on time. Expect classes to begin on time and run for the full period.

ACADEMIC DISHONESTY POLICY: You will be asked in this course to research topics on the internet which can even include copying and pasting of definitions. While a formal bibliography is not required unless specified in the assignment, it's expected and advantageous to acknowledge your sources. You will never be asked to copy someone else's project code and turn it in as your own. That would be cheating and can incur penalties beyond a lack of credit for the project.

USE OF SCHOOL EQUIPMENT AND FACILITIES: Open lab hours are available to any enrolled student, however access is limited to scheduled open lab hours, which are normally posted within the first 2 weeks of the semester. Use "Student" as ID and password to login. Bring a flash drive to save your work, since lab computers are erased frequently. Lab assistants are generally on hand, but cannot be expected to be free to tutor. If you need help with assignments, contact your instructor.

INSTRUCTOR'S RIGHT TO MODIFY: The instructor has the right to add, delete, or revise segments of this course syllabus.

Important Dates

SPRING SEMESTER: January 5–May 13th. (First class: Monday, January 5. Last Class: Tuesday, May 13.)
DROP DEADLINE: Last day to drop with a "W" is Thursday, April 14th, 2016.

Institutional Policies

DROP/WITHDRAWAL POLICY: Withdrawing from a course is a formal procedure which YOU must initiate; the instructor cannot do it for you. You may withdraw from a class in either the Admissions office or Advising Center. If you stop attending or are unable to complete this class and you do not withdraw before the official drop date, you will receive a performance grade, usually a grade of "F." Students sometimes drop a class when help is available that would enable them to continue. Please discuss your plans with the instructor if you feel you need to withdraw. The full drop and withdrawal policy is online in the college catalog (https://www1.dcccd.edu/catalog/ss/oep/dw.cfm?use_nav=acad_info&loc=econ).

STOP BEFORE YOU DROP: Last day to drop with a "W" is April 14th 2016. For students who enroll in college level courses for the first time in the fall of 2007, Texas Education Code 51.907 limits the number of courses a student may drop. You may drop no more than 6 courses during your entire undergraduate career unless the drop qualifies as an exception. Your college counseling/advising center will give you more information on the allowable exceptions. Remember that once you have accumulated six non-exempt drops, you cannot drop any other courses with a "W." There- fore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. The full drop and withdrawal policy is online in the college catalog.

ACADEMIC INTEGRITY: Scholastic dishonesty is a violation of the Student Code of Conduct and is punishable as stated in college policies. Please review the full Student Code of Conduct (https://www1.dcccd.edu/catalog/ss/code.cfm) as listed in the college catalog for additional information.

Scholastic dishonesty shall include, but not be limited to, cheating on a test, plagiarism, and collusion. The purpose of the Student Code of Conduct is to provide guidelines for the educational environment of the Dallas County Community College District. This environment views students in a holistic manner, encouraging and inviting them to learn and grow independently. Such an environment presupposes both rights and responsibilities.

ADA STATEMENT: If you feel you may need special assistance or accommodation (such as help with taking notes, extra time on tests, etc.) because of any type of physical disability or learning difference, please contact the Special Services office in Room S124 or at 972-860-4673.

RELIGIOUS HOLIDAYS: A student shall be excused from attending classes, or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this provision may not be penalized for that absence and shall be allowed to take an examination or complete an assignment within a reasonable time after the absence.

FINANCIAL AID STATEMENT: Failure to attend classes could result in a loss of Financial Aid (FA). If you are

receiving any form of financial aid, you should check with the Financial Aid Office prior to withdrawing from classes. Withdrawals may affect your eligibility to receive further aid and could cause you to be in a position of repayment for the current semester. Students who fail to attend or participate after the drop date are also subject to this policy.

GRADE REPORTS: Final grade reports are not mailed to students. You may obtain your final grades online at https://econnect.dcccd.edu/. From the student menu, select "My Grades" under "My Personal Information." If you are not already logged in, you will be prompted to do so. Select the grade type you wish to review. Press the submit button and all grades for the selected grade type will be displayed.

FERPA: The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. More information about the FERPA guidelines (https://www1.dcccd.edu/catalog/about/privacy.cfm) is available online in the college catalog.

Web Design 2 Spring 2016 Course Outline and Schedule of Assignments

Spring 2016	Date	Topics	Exercises	Assignments	Reading
WEEK 1	Jan. 5th	HTML Tags & Structure	HTML, CSS, Attributes, Tags, & Spiders	Labs 1-1, 1-2, 1-3, 1-4	Ieclass.com Unit 3 Lesson 1
WEEK 2	Jan. 11th	Creating List	Start Attributes, Nested List, Embedded Style Sheets, Unordered Lists	Labs 2-1, 2-2, 2-3, 2-4, 2-5	Ieclass.com Unit 3 Lesson 2
WEEK 3	Jan. 18th	Page Layout Design	Align Text, Overflow Content, Float Elements, & Size Containers	Labs 3-1, 3-2, 3-3, 3-4	Ieclass.com Unit 3 Lesson 3
WEEK 4	Jan. 23rd	Styling Text	Font Style, Text Style Properties, Span Tag	Labs 4-1, 4-2, 4-3, 4-4	Ieclass.com Unit 3 Lesson 4
WEEK 5	Feb. 5th	Site Structures	Hierarchical, Random, Linear, Page Jumps, & Hyperlinks	Labs 5-1, 5-2, 5-3, 5-4, 5-5	Review Ieclass.com Unit 3 Lesson 5
WEEK 6	Feb. 8th	Multi Page Website Design #1	Web Site Design Project	Planning Phase of WSDP	Review Ieclass.com Unit 3 Lesson 1-5
WEEK 7	Feb. 15th	Multi Page Website Design #1	Web Site Design Project	Construction Phase of WSDP	Review Ieclass.com Unit 3 Lesson 1-5
WEEK 8	Feb. 22nd	Working With Images	Inserting Images, Float Images w/ Content, & Images As Background	Labs 6-1, 6-2, 6-3, 6-4	Ieclass.com Unit 3 Lesson 6
WEEK 9	Feb. 29th	Margins & Boarders	Appling Margins, Auto Margins, Borders, & Radius	Labs 7-1, 7-2, 7-3, 7-4	Ieclass.com Unit 3 Lesson 7
WEEK 10	Mar. 7th	Tables	Tables & Positions	Labs 8-1, 8-2, 8-3	Ieclass.com Unit 3 Lesson 8
WEEK 11	Mar. 14th	Spring Break	Spring Break	Spring Break	Spring Break

WEEK 12	Mar. 21st	Multi Page Website Design #2	Web Site Design Project	Planning Phase of WSDP	Review Ieclass.com Unit 3 Lesson 1-8
WEEK 13	Mar. 28th	Multi Page Website Design #2 & Unit Exam	Web Site Design Project & Unit Exam	Construction Phase of WSDP + Unit Exam	Review Ieclass.com Unit 3 Lesson 1-8
WEEK 14	Apr. 4th	Dreamweaver	Overview	Unit 5 Lesson 1 Worksheet	Ieclass.com Unit 5 Lesson 1
WEEK 15	Apr. 11th	Dreamweaver	Web Documents & Image Navigation	Labs 2-1, 2-2, 3-1, & 3-2	Ieclass.com Unit 5 Lesson 2 & Lesson 3
WEEK 16	Apr. 18th	Dreamweaver	Templates & Spry Widgets	Labs 4-1, 4-2, 5-1, 5-1	Ieclass.com Unit 5 Lesson 4 & Lesson 5
WEEK 17	Apr. 25th	Dreamweaver	Automated Style Sheets	Labs 6-1 & 6-2	Ieclass.com Unit 5 Lesson 6
WEEK 18	May 2nd	JavaScript	Binary, Assembly Language, CGI Scripts, & Pseudo Code	Lesson 1 Worksheet, Lab 2-1, 2-2, 2-3	Ieclass.com Unit 6 Lesson 1 & Lesson 2
WEEK 19	May 9th	JavaScript	Variable Functions	Labs 4-1, 4-2, 4-3, 4-4, 4-5	Ieclass.com Unit 6 Lesson 4
WEEK 20	May 16th	Certification Exam	Web Site Certification Exam	Web Site Certification	Review All Material For Class