

Media Arts Seminar: HTML5/CSS3

MART 194A – 01 | CRN: 10672

Summer 2013 | Thursdays, 1-3:45 p.m. | Room 603

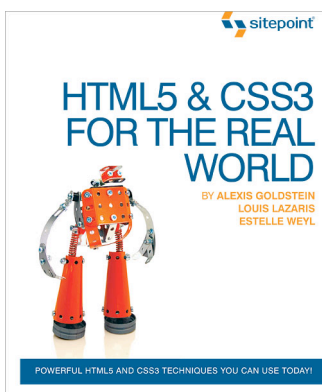
Instructor: Brianna Kirkland | Email: brianna.kirkland@sfcc.edu

Class Webpage: www.sfcc.purplepaisleyproductions.com/html5/sum2013

Syllabus

WHAT YOU NEED

- **Internet Access with an updated browser** (*Chrome preferred*)
- **Your Favorite Text Editor** (*TextWrangler, Notepad ++, Dreamweaver, etc.*)
- **Flash drive Back-up storage – 1G or larger**
- **Required Text:**



HTML5 & CSS3 For The Real World

By Estelle Weyl, Louis Lazaris, Alexis Goldstein

Publisher: SitePoint

ISBN: 978-0-9808469-0-4

NOTE: This text is also available in electronic form.

CLASS OBJECTIVE

This course is for students familiar with HTML & CSS who want to learn the latest generation of browser-based technologies associated with HTML5. Topics covered include new structural and semantic elements of HTML5, native containers for audio and video, styling and animations with CSS3, accessibility considerations, differences in browser implementation, and an introduction to the power of JavaScript API's.

Specific Objectives:

At the conclusion of this course, the student should be able to:

- Use new HTML5 elements to effectively structure a webpage's contents for optimal accessibility and semantic meaning.
- Utilize new CSS selectors for improved targeting control with minimal markup.
- Style pages using CSS techniques without relying on presentational images.
- Employ progressive enhancement techniques for optimal user experience.
- Understand how to use of boilerplates & frameworks to start new projects.
- Be familiar with the related technologies associated with HTML5.

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Major Topics:

- Changes to HTML Markup
- HTML5 Semantics
- HTML5 Forms
- New CSS3 Selectors and Color Values
- New CSS3 Style Techniques
- CSS3 Transitions and Transforms
- HTML5 Audio and Video
- Using JavaScript for Feature Detection & Polyfill Support
- Using CSS Media Queries
- Using Boilerplates and Frameworks
- Advanced Topics: Geolocation, Offline Caching/Apps, Canvas Element

Evaluation:

- Attendance
- Class Participation
- Homework Assignments

CLASS REQUIREMENTS

Attendance and Participation

This is a short, seminar course, so attendance is very important. Each day you will receive **1 point** for attendance. If you arrive to a class more than 15 minutes late, or leave more than 15 minutes early you will lose half a point.

Homework

Homework will be assigned on the first 3 classes, and will be due by 12:00 p.m. on the following Wednesday. Assignments will be checked for accuracy to determine that you have a grasp on the concepts. Assignments #1 & #2 will be worth **1 point each**. Assignment #3 will be worth **2 points**.

Grading

This is a pass/fail course. Points accumulated from attendance and homework will determine your grade. There are a maximum of **8 points possible**; you must accrue **at least 6 points to pass**.

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RESOURCES

Open Labs

- Room 602 – The Media Arts open lab unless a class is scheduled. Check posted schedule for lab hours and scheduled classes.
- Room 603 and 604 – May be used any time a class is not scheduled. Check posted schedule for scheduled classes.
- Room 583 – Open lab with extended hours, contains Media Arts programs on some of the computers.

Tutoring Center

- There will be no Media Arts tutor for the summer semester.
- Students are entitled to two hours of free tutoring per week, per class.
- Room 582 – Telephone: 428-1260

Office Of Information Technology – Help Desk

- OIT exists to provide exceptional computer services and support.
- Room 528, Mon-Thurs: 8am – 8pm, Fri: 8am – 5pm
- Telephone: 428-1222

Disability Services

- Room 313
- Telephone: 428-1701
- Disability Services – SFCC ensures equal access. It is the responsibility of the student to request accommodations for individual learning needs.
Vaune Hegmann, vaune.hegmann@sfcc.edu

Campus Security

- Room 221
- Telephone: 428-1224 or pager 984-4855

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Library

- Room 516
- Telephone: 428-1352
- The library is a quiet place to study but also offers a wealth of resources, including books, periodicals, microforms, videos and online databases, Internet access, passports to other libraries, study rooms and help with research and interlibrary loan services. The library catalog is available to you 24 hours a day, seven days a week at libros.unm.edu/screens/opacmenu_s6.html.

Student Development

- Room 311
- Telephone: 428-1665
- The office provides programs, events and activities that enhance the social, cultural and educational aspects of your experience at SFCC. Student Development provides a place for student clubs and organizations to meet, hang out, plan future activities and coordinates leadership training and opportunities, oversees clubs and organizations.

POLICY STATEMENT

Academic integrity

Academic integrity is a fundamental principle that is important to the College. Students are responsible for ensuring they are honest in their academic pursuits. Academic dishonesty means any behavior that misrepresents or falsifies the student's knowledge, skills or ability with the goal of unjustified or illegitimate gain or evaluation and includes cheating, plagiarism and falsification of records.

Incomplete grade policy

This is reserved for students who are unable to complete the course due to dire circumstances (e.g. car accident, death in the family, severe illness, etc.). Students must contact the instructor within one week of awareness of the need to request an Incomplete.

SFCC Student Code of Conduct – Policy 2-1 in SFCC Student Handbook

Students are expected to follow the student code of conduct regarding plagiarism, cheating, classroom conduct, relationships, campus conduct, discrimination and harassment, weapons, drugs and alcohol use, smoking, pets, gambling, dress code, electronics, etc.