

## WEB DESIGN with HTML and CSS

### Section 42481

Instructor: Mark Garrett

Mondays and Wednesdays 12:40-3:10 in GC-329

Final Date and Time: Dec 16, 12:40-2:40

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On Campus Office hours: Tue 11:00-12:30 and Wed 11:00-12:30

Office Location: GC-321B

My office hours, as well as other information are posted on my website:

<http://www.garrettmedia.com/mission>

Grades can be checked on angel at this website:

<http://wvmccd.angelllearning.com>

The Mission College Portal is used to add classes and for other student services:

<https://mywvm.wvm.edu>

This introductory course focuses on the design and technical skills required to create effective web designs using HTML, CSS and a variety of software packages. The basic principles of type, color, and layout are explored, along with necessary basic coding skills. Emphasis is placed on using industry standard workflows and techniques to create compelling designs.

Pass/No Pass Option.

Note: You must file paperwork with Admissions and records by the required date to take the class pass/no-pass. Instructors are no longer involved in pass/no-pass status for students. See the college website and/or the student portal for instructions and dates.

### COURSE CONTENT

1. The World Wide Web
  - a. History
  - b. Structure
2. The phases of production
3. Basic webpage structure
  - a. Basic HTML tags
  - b. Block elements
    - i. Divs, paragraphs, etc.
  - c. Inline content
    - i. Links, etc.
  - d. Tables
  - e. Lists
  - f. Meta-tags
  - g. Forms
4. The qualities of effective web design
  - a. Web design best practices
  - b. Interaction design
  - c. User experience design

- d. Layout
- e. Color
  - i. Designing a color scheme
- 5. Typography
  - a. Typography best practices
  - b. Choosing font faces
  - c. CSS for text
- 6. Images
  - a. Image file formats
  - b. HTML and CSS for images
  - c. Creating images
  - d. Stock photography
  - e. Optimizing images
- 7. Gif animation
- 8. CSS
  - a. CSS basics
    - i. CSS structure
    - ii. CSS selectors
- 9. Page layout strategies
  - a. Layout with CSS
  - b. CSS positioning
  - c. CSS floats
- 10. Usability testing
- 11. Video
- 12. Audio
- 13. Web hosting

### **STUDENT LEARNING OUTCOMES**

1. **OUTCOME:** STUDENTS WILL BE ABLE TO CREATE WEB SITES USING HTML, CSS AND VARIOUS SOFTWARE PACKAGES.
2. **OUTCOME:** STUDENTS WILL BE ABLE TO IDENTIFY, DISCUSS AND APPLY DESIGN PRINCIPLES SUCH AS TYPOGRAPHY, COLOR AND LAYOUT TO THE CREATION AND EVALUATION OF WEB DESIGNS.

### **REQUIRED TEXT**

Learning Web Design **4th** edition (2012) by Jennifer Niederst Robbins  
ISBN-10: 1449319270

The Principles of Beautiful Web Design **3rd** Edition– By Jason Beard  
ISBN: 0992279445

### **RECOMMENDED TEXT**

- Don't Make Me Think, Revisited: A Common Sense Approach to Web Usability (3<sup>rd</sup> Edition)
- by Steve Krug
  - **ISBN-10:** 0321965515

## MATERIALS

Flash/USB storage recommended. Back up your work!

We will make use of Photoshop, which can currently be purchased at <http://store.collegebuys.org/>, <http://www.journeyed.com/fccc> or <http://www.adobe.com/creativecloud/buy/students.html>.

I recommend Adobe Creative Cloud for Students, which is software by subscription, but it is not required. Creative Suite CS6 was the last version that can be purchased as a package.

You may need to use a search engine to search for the current URL for Creative Cloud for Students, as it might change.

## GRADING

Grading will be based on regular, timely attendance and active participation exercises and design projects, and quizzes/tests. Most of your grade will be based on your exercises and projects. Due dates are important. It is your responsibility to turn in assignments on time. **Assignments turned in late will lose 20% of their point value. Late assignments will only be accepted for 1 week after the due date.** Projects not turned in will receive 0 points. Exceptions will only be made in the case of serious medical or personal problems. The student is expected to produce original, independent work. Plagiarism will not be tolerated. . **If you wish to be graded on a pass/no-pass basis, you must notify Admissions and Records within the first 30% of the class term.** The Pass/No Pass Grade Option forms are available on the Admissions & Records web site under Forms & Requests. They are also available in the Student Portal. Check the school website for due dates.

Grading is based on a percentage of total points.

A = 90% to 100%

B = 80% to 90%

C = 70% to 80%

D = 60% to 70%

F = 0% to 60%

For the Pass/No Pass Option, 70% or above results in a grade of Pass.

Below 70% results in a grade of no-pass.

## CLASS ATTENDANCE

Students are expected to attend all sessions of each class.

Instructors may drop students from class if they fail to attend the first class meeting, or when accumulated unexcused hours of absence exceed ten percent of the total number of hours the class meets during the semester. Moreover, an instructor may drop from the class any student who fails to attend at least one class session during the first three weeks of instruction.

## FACULTY ABSENCE

If the instructor is not in attendance after 20 minutes from the scheduled start time of class, the class is cancelled and the students may leave.

## ANGEL INFORMATION

Angel Learning is a course management system adopted by the WVMCCD for all classes. When you log into the system, you will see a listing of classes that you are teaching (faculty) or a list of classes that you are taking. <http://angelsupport.missioncollege.org/>

## CHEATING POLICY

Dishonesty includes but is not limited to in-class cheating, out-of-class cheating, plagiarism, knowingly

assisting another student in cheating or plagiarism, or knowingly furnishing false information to college staff, faculty, administrators or other officials. Following are definitions of in-class cheating, out-of-class cheating, plagiarism, and furnishing false information. These are not all-inclusive and the list itself is not meant to limit definition of cheating to just those mentioned.

- In-class cheating: during an examination or on any work for which the student will receive a grade or points, unauthorized looking at or procuring information from any unauthorized sources, or any other student's work.
- Out-of-class cheating: unauthorized acquisition, reading or knowledge of test questions prior to the testing date and time; changing any portion of a returned graded test or report and resubmitting as original work to be regraded; or presenting the work of another as one's own for a grade or points.
- Plagiarism: unauthorized use of expression of ideas from either published or unpublished work(s) as a student's own work for a grade in a class. This also includes the violation of copyright laws, including copying of software packages.
- Furnishing false information: forgery, falsification, alteration or misuse of college documents, records, or identification in class or in laboratory situations.

### **CODE OF STUDENT CONDUCT**

It shall be the policy of the District to enforce a student code of conduct the purpose of which is to promote and maintain orderly conduct of a responsible student body in a manner compatible with the District and College function as an educational institution (Education Code 76030).

[http://www.missioncollege.org/student\\_services/student\\_code.html](http://www.missioncollege.org/student_services/student_code.html)

### **DISABILITY STATEMENT**

Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. Please contact DISC (Disability Instructional Support Center) located in the Campus Center (408-855-5085 or 408-727-9243 TTY) to coordinate reasonable accommodations for students with verifiable documentation.

**ADA Statement:** The American with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation required that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact DISC (Disability Instructional Support Center) located the Campus Center 408-855-5085 or 408-727-9243 TTY).

<http://www.missioncollege.org/depts/disc/index.html>

### **SAFETY/EMERGENCY**

According to Mission College guidelines, you have certain responsibilities when emergency procedures are initiated:

"It is the student's responsibility to know the evacuation procedures, evacuation route, and assembly area for this classroom. In case of an emergency, you are to follow the directions of your instructor. When directed to evacuate the classroom, *be sure to take all of your belongings when you leave* and remain with your class in the assembly area until you receive further directions."

Additionally the Mission College Facilities and Safety Committee offers the following advice:

"Mission College is serious about safety and we urge you to increase your awareness of some basic emergency preparedness procedures while on campus. Here are some key things you should know:

Locate (in every classroom):

- Classroom emergency phone
- All evacuation exits from your classroom and the fastest way out of the building without using ANY elevators - Also know an alternate route in case your first choice is blocked.
- Designated assembly area for your building (map on classroom wall)
- Emergency Procedures for Campus Safety chart (on classroom wall)
- Nearest fire extinguisher and first aid kit

*WVM-Alert* - Emergency Notification

Free WVM-Alert will text, email and call you to alert you to campus emergency situations. Sign in to [www.wvm.edu/emergency](http://www.wvm.edu/emergency) and give us your contact information ASAP! If you don't sign up, you won't be notified!

## **FEES**

All fees are due and payable at the time of registration. Mission College will be enforcing the Pay-to-Stay registration payment policy effective Fall Semester 2011. This is the policy that allows Admission and Records to drop students for non-payment of fees. If the payment is not made at the due date, the student will be dropped from all classes for which they are currently registered.

Holds will be placed on students' records for fees and any other financial obligations owed to the college. Mission College will not allow a student to re-register in the college nor will the college forward transcripts or any other records to other institutions when those students have holds on their records. Degrees and certificates will also be held until all outstanding fees have been paid or cleared.

### Instructional Material Fee

It is the policy of the West Valley-Mission Community College District that the Governing Board may require students to provide instructional and other materials required for credit and non-credit courses, provided that such materials are of continual value to a student outside of the classroom setting and provided that such materials are not solely or exclusively available from the District.

## **TUTORING INFORMATION**

General Tutorial Center: Upon referral by an instructor or a counselor, students can enroll in the Supervised Tutoring course, IS 947, where they can receive assistance on the basis of a learning need. The tutoring is available for all subjects (for Math tutoring please visit the Math lab, S2-401). Tutoring is provided at no charge by qualified, trained tutors. Tutors can give students feedback on their course work, help them understand assignments and provide students strategies for improving their learning skills.

English-as-a-Second Language Lab: Multi-level computer, video and audio tape, or print materials for ESL students are available in the center. These learning materials help non-native speaking students increase skills in writing, grammar, listening, reading vocabulary and pronunciation of standard American English in preparation for the workplace or college study. Students in the ESL laboratory can also participate in workshops and conversation groups.

Reading Lab: Reading and study skills are developed in the Reading Center with the creation of individualized, self-paced and multilevel programs for students. Multimedia computer software and high interest instructional materials are available to address students' needs. With the help of specially trained instructors, students can increase their skills in many areas, including: reading comprehension, speed reading, study skills, vocabulary, phonics, and spelling.

### Mathematics Learning Center (MLC)

The Mission College Mathematics Department and the Mathematics Learning Center are committed to student success. In particular, the MLC offers educational support by offering numerous resources and services to all Mission College students with specific needs in the subject of mathematics. The MLC is a

learning community where students come together to help and support each other in their mathematics course(s).

MLC services are free and available to registered Mission College students either currently enrolled in mathematics course(s) or with a desire to review previously studied material. Tutoring is conducted in several languages by faculty, staff, and trained peers who have excelled in the subject of mathematics. The Mathematics Learning Center is conveniently located on the 2nd floor of the main building in room S2-401. Students who are interested in receiving services, becoming a tutor, or having additional questions should stop at the center, visit our website at [www.missioncollege.org/depts/math/mathhelp.asp](http://www.missioncollege.org/depts/math/mathhelp.asp), or call us at (408) 855-5320.

### **THE FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT (FERPA)**

(20 U.S.C. § 1232g; 34 CFR Part 99) is a Federal law that protects the privacy of student education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education. For additional information, you may call 1-800-USA-LEARN (1-800-872-5327) (voice). Individuals who use TDD may call 1-800-437-0833.

### **SEXUAL HARASSMENT AND SEX DISCRIMINATION**

In accordance with Title VII Section 1604, and Title IX of the 1972 Education Amendments, it is the policy of the West Valley-Mission Community College District to provide an educational, employment and business environment free of unwelcomed sexual advances, requests for sexual favors, and other verbal or physical conduct or communications constituting sexual harassment and/or sex discrimination as defined and otherwise prohibited by Federal and State law. Complaints by students or employees should be directed to Associate Vice Chancellor of Human Resources. The telephone number is (408) 741-2131.

### **MISSION COLLEGE IS A NO-SMOKING AND DRUG-FREE CAMPUS**

The West Valley-Mission Community College District policy 5.18.1 prohibits “the unlawful use, distribution, sale, or possession of alcohol, narcotics, dangerous or illegal drugs, or other controlled substances, as defined in California statutes, on District property or at any function sponsored by the District or colleges.” Also, the campus community voted its preference for a non-smoking environment, and the decision is reflected in District policy: The College’s non-smoking policy is enforced in all areas except for campus parking lots.

### **CODE OF STUDENT CONDUCT**

The college has an obligation to specify those standards of behavior essential to its educational mission and campus life. The students who are in violation of the Code of Student Conduct are subject to disciplinary sanctions which apply at all times on campus as well as to any off-campus functions sponsored or supervised by the college.

### **GRIEVANCE PROCESS**

The grievance process is a formalized process to ensure the timely resolution of conflict at the lowest possible level. The first step is the informal resolution stage which involves the student who has a complaint and the staff member or specific group who is the other party in the grievance. The student must notify the staff person or representative of a group that she/he wishes to make an appointment for an informal meeting to review an action within ten (10) days of its occurrence. In the absence of the instructor or staff person and after a good faith effort to make contact, the grievant may directly contact the department chair. Additional information is available from the Vice President of Student Services.