GDES 45

WEB DESIGN with HTML and CSS
Section 30941

Instructor: Mark Garrett
Mon/Wed 10:00-12:30 in GC 329
Final Date and Time: May 22, 10:00-12:00 in GC-329
Phone:(408) 855-5293 • Email: go through Canvas(preferred) or mark.garrett@missioncollege.edu
Office hours: 9:00AM-10:00AM Mon/Wed and Mon 3:30PM-5:00PM
Some office hours will also be online. Online location and times to be announced.
Students can also call the number above during in-person office hours.
Office Location: GC-321B

We will be using Canvas to help facilitate the class.
Your username is your student ID number, and your password is your birthday.
Log in to see links to assignment drop boxes, notes on your assignments, lectures, grades etc.
https://wvm.instructure.com
There is also a link to Canvas support there with help in using Canvas.

The Weekly Instructions are here:
http://www.garrettmedia.com/mission/gdes45/gdes45_main.htm

Assignment details, my office hours, links to resources, as well as other information are posted on this website:
http://www.garrettmedia.com/mission
Click on the link to the class for detailed information on Assignments, etc.
There are links in Canvas to these web pages for the class.

The Mission College Portal is used to add classes and for other student services:
https://web.wvm.edu/

Make sure to check your student email through the portal to avoid missing important announcements about the class. Look for the link to student email.
The current direct link is here:
https://outlook.office.com/owa/?realm=wvm.edu

STUDENT LEARNING OUTCOMES
1. **Outcome:** Create web sites using HTML, CSS and various software packages.
2. **Outcome:** Identify, discuss and apply design principles such as typography, color and layout to the creation of web sites.

COURSE DESCRIPTION
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 available.
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.

REQUIRED TEXT

Learning Web Design: A Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics 5th Edition
 (2018) by Jennifer Robbins
- ISBN-10: 1491960205
- You should be able to get free online access to this book through Mission's online access to Safari Online.
  - https://www.safaribooksonline.com/
- Direct link to the book https://www.safaribooksonline.com/library/view/learning-web-design/9781491960196/ (Links to an external site.)Links to an external site.
- Go here for details and to sign up
  - http://libguides.missioncollege.edu/oreilly-safari
- Some County libraries may also offer free online access to this book through Safari Online. Check your county library.

We may also utilize other books and content available through Safari Books Online.

The Principals of Beautiful Web Design 3rd Edition by Jason Beaird
- ISBN-10: 0992279445
- This is also available for free on Safari Books
- Direct link to the book https://www.safaribooksonline.com/library/view/the-principles-of/9781457174353/ (Links to an external site.)Links to an external site.
- You may also be able to get a membership to learnable.com and download a PDF for The Principals of Beautiful Web Design. There may also be a trial membership available.

RECOMMENDED TEXT
Don't Make Me Think, Revisited: A Common Sense Approach to Web Usability (3rd Edition) (Voices That Matter) by Steve Krug
This books is currently available though https://www.safaribooksonline.com/ as well.

COURSE CONTENT
1. The World Wide Web
   a. History
   b. Structure
2. The phases of production
   a. Research/Discovery
   b. Strategy/UX
      i. Information Architecture
   c. Design
   d. Production
   e. Delivery/Deployment
3. Basic webpage structure
   a. Basic HTML tags
   b. Block elements

        i.   Divs, paragraphs, etc.
- c. Inline content
  - i. Links, etc.
- d. Types of Content
  - i. Flow Content
  - ii. Sectioning Content
  - iii. Heading Content
  - iv. Etc.
- e. Lists
- f. Tables
- g. Meta-tags
- h. Forms

4. The qualities of effective web design
   - a. Web design best practices
   - b. Current Trends
   - c. Interaction design
   - d. User experience design
     - i. Wireframes
     - ii. Basic Prototyping
   - e. Navigation
   - f. Layout
   - g. Color
     - i. Coding color on the Web
     - ii. Designing a color scheme
     - iii. Color Psychology
   - h. Responsive Web Design

5. Typography
   - a. Typography best practices
   - b. Choosing font faces
     - i. Web Fonts
   - c. CSS for text

6. Images
   - a. Image file formats
   - b. HTML and CSS for images
   - c. Scanning
   - d. Creating images
   - e. Stock photography
   - f. Optimizing images
   - g. Responsive images
   - h. Background images

7. Gif animation

8. CSS
   - a. CSS basics
     - i. CSS structure
     - ii. CSS selectors
     - iii. CSS Properties
     - iv. Internal and external style sheets

9. Page layout strategies
   - a. CSS positioning

   b.   CSS floats
   c.   Flexbox
   d.   CSS Grid
 10. Usability testing
 11. Video on the web
 12. Audio on the web
 13. Web hosting

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(Currently about $170/year), which is software by
subscription, but the full suite is not required. You could also use the less expensive **Creative Cloud
Photography** plan for this course(Currently $9.99/month), since it includes Photoshop. You may need to use a
search engine to search for the current URL for Creative Cloud for Students, as it might change.

**Adobe software like Photoshop and Lightroom is also available in the Academic Support Center located in
the Student Engagement Center(SEC), room 154. Check their web site for current hours.**
http://missioncollege.org/depts/academic_support/

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.

CANVAS INFORMATION
Canvas 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 taking. https://wvm.instructure.com/
Help is located on the lower left of Canvas screens.

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

DISABILITY STATEMENT
I am committed to creating a course that is inclusive in its design. If you encounter barriers in any portion of the course content, please let me know immediately so that we can determine if there is a design adjustment that can be made or if an accommodation might be needed to overcome the limitations of the design. I am always happy to consider creative solutions as long as they do not compromise the intent of the assessment or learning activity.
If you have a documented disability (IEP, 504 Plan or Diagnosis) please feel free to contact our Disability Support Program (DSPS) for approved accommodations. DSPS is located on the 2nd floor of the Campus Center Building, above the Bookstore. You can also e-mail DSPS@missioncollege.edu or leave a message (408) 855-5085. DSPS may also be able to assist if you believe you have an undiagnosed Learning or Mental Health Disability.
I welcome feedback that will assist me in improving the usability and experience for all students.
http://missioncollege.edu/depts/disability-support-programs/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 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

Tutoring services are located at the Academic Support Center located in the Student Engagement Center(SEC), room 154.

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, 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 statues, on District property or at any function sponsored by the District or colleges." Also, the campus community voted it's 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.