

GDES 46

Web Design and Development 2

Section 75579 – FALL 2020

ONLINE – Asynchronous(No live meetings) - This class DOES NOT have any live meeting times

Instructor: Mark Garrett

Phone:(408) 855-5293 Email: go through Canvas(preferred) or mark.garrett@missioncollege.edu

Office hours: Generally 4:30PM - 6:00PM Mon and Tue 9:00AM - 11:00AM

- Office hours are through Zoom conferencing online on in person
- A link to optional online office hours will be announced.
- Office hours are optional. Most questions can be answered in the discussion forum or through Canvas Message
- Office Location: GC-321B during Fall and Spring Semesters(except during pandemics)
- Final Date and Time: Online Dec. 17, available online most of the day

Fall Semester 2020 Important Dates:

- Fall 2020 Classes Begin - August 29, 2020
- Deadline to Petition for earning a degree or certificate Fall 2020 - September 10, 2020
- Last day to add semester-long classes (add code required) - September 13, 2020
- Last day to drop semester-long classes without a “W” and receive a refund - September 13, 2020
- CENSUS for semester-long classes - September 14, 2020
- Deadline to request Pass/No Pass Grade option - October 2, 2020
- Last day to drop classes with a “W” and receive no refund - November 20, 2020
- Final Exams - December 14-19, 2020

We will be using Canvas to 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.

You can communicate with me through discussion forums there, and through the messaging system. More information is below.

The Weekly Instructions are here:

http://www.garrettmedia.com/mission/gdes46/gdes46_main.htm

My office hours, links to resources and other classes, as well as other information can be found here:

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

You can click on the link to the GDS 45 class to reach the Weekly instructions page listed above.

Again, grades can be checked on Canvas at this website:

<https://wvm.instructure.com>

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>

The “Introductions” discussion forum in Canvas will be a check-in Assignment in the first week to verify you are active in the course.

Course Description

This intermediate level course focuses both on the creative design and the appropriate software and coding skills required in web design and front end web development. This course provides an intermediate level content continuation of the GDES 045 course. Advanced design principles of type, color, illustration and layout are explored, along with intermediate to advanced HTML and CSS. There is also an introduction to Javascript and other relevant technologies. A basic understanding of computer system operation is required. Pass/No Pass Option.

Student learning Outcomes

OUTCOME: Create well-designed websites at an intermediate level utilizing best practices in design and production.

OUTCOME: Utilize HTML and CSS at an intermediate level, and JavaScript at a basic level, to develop functional websites.

Student Course Objectives

Upon completion of the course the student should be able to:

1. Compare and evaluate webpage design solutions from all over the world.
2. Identify, discuss and apply the steps necessary to create a website
3. Identify, discuss and apply design principles such as color, typography, and page layout to the design of a website.
4. Design and create websites using a variety of software packages and technologies.
5. Use HTML to create the structure of websites.
6. Use CSS to create styles and enhance websites.
7. Recognize and apply basic JavaScript.

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
- This is the same book as the beginning class, but we will be using sections not addressed in that class.
- You should be able to get free online access to this book through Mission’s online access to Safari Online.
 - <https://www.safaribooksonline.com/>
- Go here for details and to sign up
 - <http://libguides.missioncollege.edu/oreilly-safari>
- 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.

- 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/Oreilly Books Online.

General Class information:

- **Homework is due before midnight on the due dates.**
- **Late homework is only accepted for 1 week after the due date. It loses 20% of the possible points.**
- Do **NOT** use any full-page templates for webpages found on the internet as a starting point for your designs unless otherwise instructed.
- **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.
- **Always validate(check) all assignments before you submit them using the services in the instructions. It can help you spot your mistakes.**
- To turn in assignments with multiple files or folders, it works best if you put all files in a folder and zip the folder. It is important to name your folder correctly BEFORE you zip it to send, so I know whose folder it is. Please name you folder like this
firstname_lastname_assignX
where X is the assignment number.
Then when you zip the folder, I will know it is yours.
To zip the folder:
To zip a folder on a PC, create the folder with your name on it like this
firstname_lastname_assignX
and put the files needed in it, then right click, select "send to," and finally "compresses (zipped) folder". On a mac, control click or right click on the folder and select compress. Remember to name the folder before compressing it, so I can see who's it is when it is uncompressed.
- Don't forget you can check grades and comments on assignments in Canvas under the Grades link on the left.

Course Content

1. Design techniques and effective visual communication as applied to website design
 - a. Typography
 - b. Color use and psychology
 - c. Page layout
2. The web design process
 - a. Phases of production in web design
 - i. Discovery
 - ii. Strategy
 - iii. Design
 - iv. Build
 - b. Usability testing
3. The creation of intermediate level sites
4. Photoshop and other image editors for web design
 - a. Web image file formats
 - b. Optimizing images in Photoshop

- c. Other image editors
5. CSS
 - a. Review of basic CSS principles
 - i. Syntax
 - ii. Selectors
 - iii. Styling text with CSS
 - b. Intermediate CSS
 - i. More advanced selectors
 - ii. Current page layout techniques with CSS
 - iii. Responsive Web Design
 - iv. CSS for interactivity
 - v. Transforms and transitions
6. Introduction to animation on the web
7. Features of HTML
 - a. Audio and Video tags
8. JavaScript
 - a. Overview of Javascript
 - b. Basic JavaScript components
 - c. Basic JavaScript scripting and techniques
 - d. Introduction to Javascript frameworks like JQuery
9. Authoring applications such as Brackets and Dreamweaver
 - a. Interfaces
 - b. Using applications to create pages and websites
 - i. Creating and editing HTML with applications
 - ii. Creating and editing CSS with applications
 - iii. Creating pages
 - iv. Creating sites
 - v. Using applications for FTP
 - vi. Using applications for webpage layout

Materials

- Flash/USB storage recommended(back up your work!).
 - Much of the software we use in the class is free, such as text editors, but we also use image editors a bit.
 - I recommend **Adobe Creative Cloud for Semester Licence**(Currently \$39.99 for 6 months), which is software by subscription. You could also use the **Creative Cloud Photography** plan for this course(Currently \$9.99/month), since it includes Photoshop and Lightroom.
 - You can find current the **Adobe Creative Cloud for Semester Licence** at <http://store.collegebuys.org/>. **This might be the best deal right now at \$39.99 for 6 months.**
 - You can also find student discounts at <http://www.journeyed.com/fcc> or <http://www.adobe.com/creativecloud/buy/students.html>, or use a search engine to search for the current URL for Creative Cloud for students, and/or Creative Cloud Photography Plan for students, as prices and the URLs might change.
 - For this class, you can use either the full Adobe Creative Cloud plan or the Adobe Creative Cloud Photography plan
 - Adobe software like Photoshop and Lightroom is also **normally** available in the Academic Support Center located in the Student Engagement Center(SEC), room 154.
- Note: Currently as of June 2020, the ASC is currently closed due to Covid -19, but the situation could

change at any time.

Check their web site for current hours.

<https://missioncollege.edu/depts/academic-support/index.html>

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 credit/no-credit basis, you must notify me 1 month prior to Finals.

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 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.