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Spring 1-2016

### MART 391.50: Special Topics - Techniques of the Web

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## Welcome to MART 391: Techniques of the Web

Spring 2016

Online Course

Credits: 3

Professor: Justin Lewis

Email: [justin1.lewis@umontana.edu](mailto:justin1.lewis@umontana.edu)

Office: 234 McGill Hall

### **Office Hours:**

Monday 10:00 am – 12:00 pm

Tuesday 11:00 am – 12:00 pm

Wednesday 3:30 pm – 4:30 pm

### **Overview:**

Throughout this course, we will be gaining many of the fundamental skills needed to meet today's world of website development. Many of the skills and tools we will be using will be applicable across all the major web design platforms. We will explore the latest in HTML5 and CSS3 in order to creating complex interactive functions and user experiences. Gaining an understanding of the overall environment of web design technologies will allow for a more integrated set of web design skills and a greater understanding of how the internet works.

Students will have the opportunity to gain a deeper understanding of how the concepts that govern these interactive technologies are integrated and applicable across numerous development platforms.

### **Course Format:**

MART 391 is a fully online course. For those of you in Missoula, you are welcome and encouraged to work in our Online BA lab. The lab offers computers with the software you will need, and most importantly, provides the opportunity to connect with other students and faculty in our digital arts community. For the distance learner, please note that you are always welcome to set up a Skype chat with your professor.

### **The Course Website:**

The course website contains the majority of learning materials for this class. Be sure to watch all of the videos and tutorials, explore the provided reading materials, and download the example projects and demonstrations for each weekly assignment.

Course website: <http://webdesignzoo.com/round2/>

**Moodle:**

This is where your assignments are turned in and where important assignment information lives. All assignments must be uploaded to the course Moodle to receive credit. Please check your Moodle grade book often to monitor your progress.

**Requirements for this course:****Code Editor**

You will need a good code editor such as Komodo Edit or Adobe Brackets. Both programs are free. You are welcome to use any code editor you wish as long as it can be used to create HTML and CSS documents. The video tutorials will be in Brackets and Komodo.

**Web Hosting Service**

You will need web hosting by Week 6. You must have your own web address and a hosting package that comes with cPanel and phpMyAdmin. Some good companies are Justhost, Bluehost, Godaddy, and Hostmonster. Call your host company if you are not sure if their service offers cPanel with phpMyAdmin. Please be aware that Godaddy will sell you a hosting package without cPanel if you do not specifically ask for a package that comes with cPanel.

**Firebug for Firefox or Chrome Inspector**

Both Firebug and Chrome Inspector are free development tools. You must add Firebug as an extension to your Firefox browser. Google Chrome comes with Inspector already installed.

**Student Email**

All communication with your instructor must be made through your University of Montana email account. Please do not contact your instructor through a private email account such as Gmail or Yahoo. All assignments must be submitted through Moodle to be accepted for grading. Please note that assignments submitted through email will not be accepted. Please allow up to 24 hours for a response when emailing your instructor, Monday through Friday. The instructor is not required to respond to emails on Saturday or Sunday.

**Course Schedule:****Week 1: Introduction to HTML5**

Due date: Tuesday, February 2, 9:00 PM

**Week 2: HTML5 Video and Audio**

Due Date: Monday, February 8, 9:00 PM

**Week 3: CSS3 Part 1**

Due Date: Monday, February 15, 9:00 PM

**Week 4: CSS3 Part 2**

Due Date: Monday, February 22, 9:00 PM

**Week 5: CSS3 Part 3**

Due Date: Monday, February 29, 9:00 PM

**Week 6: Going Live**

Due Date: Monday, March 7, 9:00 PM

**Week 7: Tools of Development**

Due Date: Monday, March 14, 9:00 PM

**Week 8: Website Layout**

Due Date: Monday, March 21, 9:00 PM

**Week 9: Formatting Content**

Due Date: Monday, March 28, 9:00 PM

**Week 10: Moving Your Site**

Due Date: Monday, April 11, 9:00 PM

**Week 11: Rollovers**

Due Date: Monday, April 18, 9:00 PM

**Week 12: Galleries**

Due Date: Monday, April 25, 9:00 PM

**Week 13: Video Galleries**

Due Date: Monday, May 2, 9:00 PM

**Week 14: HTML5 Animation Embeds**

Due Date: Monday, May 9, 9:00 PM

**Grading Policy:**

**Points towards your final grade will be earned according to the following:**

- Name each assignment zip file you upload to Moodle like this: YourLastName\_YourFirstName\_A2. For example: Brando\_Marlon\_A2. Note that in this case A2 stands for Assignment 2. Failure to name your assignment accordingly will result in loss of points.

**Grading Policy continued:**

- Late work will result in the automatic deduction of 2 points per assignment. Please see assignment point breakdown below to see how many points each assignment is worth. Late work will not be accepted under any circumstances after Friday of finals week.
- Please note that a complete website handed in at the end of the semester without first showing work in will not be accepted and will result in an automatic failing of the course. This is so that the instructor can monitor your progress as you build your websites throughout the semester.
- Fully functioning and accurate execution of the assignments is mandatory to receive full points.
- No broken links or images.
- No “demo content” from a theme or template can remain on your final website submission.
- 5 points of your final grade are earned for class participation. Note that in an online course, class participation includes exploring all the resources on the class website, including all tutorial videos, reading assignments, and the downloading every example project. See the final assignment in Moodle for more details.
- Students must demonstrate a clear understanding of each assignment.

**Late Submission Policy:**

Note that broken computers, lack of Internet access, missing or lost files, and having a busy work schedule are never under any circumstances accepted excuses for late work in an online course. Always back up your work to an external drive so that you can freely move your work from one computer to another when needed. Keep in mind that if you are located in Missoula, you have access to our staffed Online BA computer lab.

**Late Submission Policy continued:**

Emailing your professor for help right before an assignment is due is not an acceptable excuse for a late assignment. Please allow up to 24 hours for a response, Monday through Friday.

**Please Note: Assignments will not be accepted for grading after Friday of finals week.**

**Assignment Points Breakdown:**

Assignment 1: 5 points  
Assignment 2: 7 points  
Assignment 3: 7 points  
Assignment 4: 7 points  
Assignment 5: 7 points  
Assignment 6: 7 points  
Assignment 7: 7 points  
Assignment 8: 7 points  
Assignment 9: 7 points  
Assignment 10: 6 points  
Assignment 11: 7 points  
Assignment 12: 7 points  
Assignment 13: 7 points  
Assignment 14: 7 points  
Class Participation: 5 points

**Grading Percentage Breakdown:**

94 – 100: A  
90 – 93: A-  
87 – 89: B+  
83 – 86: B  
80 – 82: B-  
77 – 79: C+  
73 – 76: C  
70 – 72: C-  
67 – 69: D+  
63 – 66: D  
60 – 62: D-  
0 – 60: F

**Student Conduct Code:**

[http://www.umd.edu/vpsa/policies/student\\_conduct.php](http://www.umd.edu/vpsa/policies/student_conduct.php)