

MMED 1056: *Web Development 2*

Course & Assignment Breakdown

Prepared for: MMED - 1056

Prepared by: Marco De Luca, Professor

Course Breakdown:

MODULE 1 - CSS Layout Techniques

Flexbox layout fundamentals

MODULE 2 - Advanced CSS

CSS Resets

Advanced CSS selectors

Linking Javascript files

MODULE 3 - CSS3 Features

Browser Prefixes & Support

When and where to use CSS3

Transitions, Gradients, Border Radius, @Font-Face, Box Shadow, etc.

MODULE 4 - Fixed width site design

Site Build Utilizing CSS3 Features

Typographic Layout

MODULE 5 - Responsive Web Design

Responsive Design Intro & Concepts

CSS3 Media Queries

Intro to flexbox(responsive) and the CSS Grid

Responsive web design using the CSS grid (Mobile to Desktop)

Create responsive website for final project which will include JS integration

IMPORTANT DATES

Week 3: Project 1 due within class time. **(10%)**

Week 4: Project 2 due within class time. **(10%)**

Week 5: Project 3 due within class time. **(10%)**

Week 6: Midterm Project (Research) Presentations **(30%)**

Week 9: Project 4 due within class time. **(5%)**

Week 11: Project 5 due within class time. **(5%)**

Week 13: Final Projects to be submitted. **(30%)**

Week 14: Presentations

COURSE GRADE BREAKDOWN

| | |
|----------------------------|-------------|
| Assignments | 40% |
| Midterm Integrated Project | 30% |
| Final Integrated Project | 30% |
| Total | 100% |

ADDITIONAL ASSIGNMENT INFORMATION

You must follow naming conventions exactly as specified. Failure to do so will result in an automatic deduction of up to 15% from the total value of your assignment.

You must submit the specified file formats i.e. .zip not .rar, .pdf not .rtf etc. Failure to do so will result in an automatic deduction of up to 15% from the total value of your assignment.

You must submit via GitHub when specified. Best practices must be followed i.e. proper read me file with description and demonstrated versioning. Creating the repo the day the project is due and only uploading once will result in an automatic deduction of up to 30% from the total value of your assignment.

You must include the project description/design brief for every submission. This acts as a verification that you have read through the specs and understand what is expected in the submission.

Late Assignments will result in a 0. Unless a valid reason is specified i.e illness (Doctor Note Required), Death in the Family etc. See bottom of document for specific information.

Project 1: CSS Reset, Linking JS, Wireframes, GitHub

SETTING UP FOLDERS AND FILES

01_Project1_01/a

HTML5 & CSS

Assignment Description:

Each Student must demonstrate the ability to properly set up a folder and include the necessary Javascript file and CSS reset.

Each Student must also include 6 wireframes for the Midterm Project website in the assets folder.

The files must be uploaded to GitHub following the best practices taught in Authoring.

Assignment Requirements:

Each Student must submit a properly structured folder with properly linked Javascript file and CSS reset.

Additionally each student must submit 6 wireframes. These wireframes will demonstrate what your Midterm Project will look like. **Wireframes must be submitted as PDF's.**

Link to Github repo: master branch with dev branches as required (don't delete branches).

ONLY THE MASTER BRANCH WILL BE GRADED! Late submissions or changes to the repo after the due will penalized by 30%.

Secondary branches should be named appropriately IE dev.tvr.bio, dev.jb.bio
Submit the repo link via FOL dropbox - DO NOT submit files. They will be ignored.

Additional information will be given in class, you are encouraged and expected to ask questions, if you are absent it is your responsibility to check with other students.

Submission:

- Project must be submitted within Week 3 class time.
- When I download from your repo, the zip file should be named = "LastName_FirstName_1056_Project1.zip"

folder contents:

- index.html
- images folder
- css folder
- js folder
- assets folder (everything you used in the creation of this project, wireframe, design brief psd)
- includes folder

PLEASE NOTE: That your project will not be graded unless you adhere to what has been outlined for you in this document. Individual practices that were given to you during the semester are applicable here as well.

i.e: A photoshop file with improperly labeled layers, code not in between body tags, lack of naming conventions, etc.

Grading (10%)

Project 2: *Web Typography*

STYLING TEXT ON THE WEB

02_Project2_02/a

HTML5 & CSS3

Assignment Description:

The focus of the assignment is typography on the web. Students will be given copy and a few images to work with. The goal is to prepare students for the midterm project.

Assignment Requirements:

Each student is responsible for selecting appropriate fonts (using the techniques covered in class i.e. google fonts or CSS3 @font-face) and CSS styles to enhance the copy. Line Height, Letter Spacing, Font Weight, Colour and Type are the key components to this assignment.

The text will be placed on a single fixed width web page (flexbox) with no other design elements other than the text and images provided.

Web Page

- 1 page
- Semantic HTML 5 tagging
- Link to CSS file, JS File and Reset
- Images
- Valid HTML5 & CSS
- Proper Document Outline

Additional Components

- For this assignment you must only use the text and images provided.
- Wireframe and PSD required.**

Link to Github repo: master branch with dev branches as required (don't delete branches).

ONLY THE MASTER BRANCH WILL BE GRADED! Late submissions or changes to the repo after the due will penalized by 30%.

Secondary branches should be named appropriately IE dev.tvr.bio, dev.jb.bio
Submit the repo link via FOL dropbox - DO NOT submit files. They will be ignored.

Additional information will be given in class, you are encouraged and expected to ask questions, if you are absent it is your responsibility to check with other students.

Submission:

- Project must be submitted within Week 4 class time.
- When I download from your repo, the zip file should be named = "LastName_FirstName_1056_Project2.zip"

folder contents:

- index.html
- images folder
- css folder
- js folder
- assets folder (everything you used in the creation of this project, wireframe, design brief psd)
- includes folder

PLEASE NOTE: That your project will not be graded unless you adhere to what has been outlined for you in this document. Individual practices that were given to you during the semester are applicable here as well.

i.e: A photoshop file with improperly labeled layers, code not in between body tags, lack of naming conventions, etc.

Grading (10%)

Project 3: *Midterm Prep*

CREATE YOUR OWN SCAFFOLD

03_Project3_03/a

HTML5 & CSS3

Assignment Description:

Each team is responsible for creating their own website scaffold consisting of PSD file(s), HTML and CSS files. The scaffold will be based off of the wireframes selected from each partner.

Assignment Requirements:

Each team is responsible for creating the following: A finished/finalized PSD based off of 2 wireframes, Boxed out PSD or layer for each page, HTML and CSS Box Design and a text file with box info i.e. measurements, font info, etc.

The pages must consist of valid HTML5 and CSS3. The pages must use semantic tagging and have a proper document outline.

Web Page

- 2 pages
- Semantic HTML 5 tagging
- Link to CSS file, JS File and Reset
- Valid HTML5 & CSS
- Proper Document Outline

Additional Components

Link to Github repo: master branch with dev branches as required (don't delete branches).

ONLY THE MASTER BRANCH WILL BE GRADED! Late submissions or changes to the repo after the due will penalized by 30%.

Secondary branches should be named appropriately IE dev.tvr.bio, dev.jb.bio

Submit the repo link via FOL dropbox - DO NOT submit files. They will be ignored.

Additional information will be given in class, you are encouraged and expected to ask questions, if you are absent it is your responsibility to check with other students.

Submission:

- Project must be submitted within Week 5 class time.
- When I download from your repo, the zip file should be named = "LastName_LastName_1056_Project3.zip"

folder contents:

- 2 HTML pages
- images folder
- css folder
- js folder
- assets folder (everything you used in the creation of this project, wireframe, design brief psd)
- includes folder

PLEASE NOTE: That your project will not be graded unless you adhere to what has been outlined for you in this document. Individual practices that were given to you during the semester are applicable here as well.

i.e: A photoshop file with improperly labeled layers, code not in between body tags, lack of naming conventions, etc.

Grading (10%)

Project 4: *Responsive Web Design*

Media Query

04_Project4_04/a

Responsive Web Design

Assignment Description:

Create a basic example of a media query based on the specs below. You must follow best practice and work mobile first.

Assignment Requirements:

Each student must create a single web page with a basic example of a media query.

Create Single Web Page (4 Columns)

At mobile size (remember mobile first)

- The columns should stack and be full width.
- Columns 3 and 4 should be hidden
- Column 1 should be pink
- Column 2 be red

At 641px the page will have

4 columns, equal width and display side by side.

Column 1 - blue, Column 2 - purple, Column 3 - grey, Column 4-brown.

The site should not expand beyond 1140px

Web Page

- 1 page
- Semantic HTML 5 tagging
- Link to CSS file, JS File and Reset
- Valid HTML5 & CSS
- Proper Document Outline

Additional Components

Link to Github repo: master branch with dev branches as required (don't delete branches).

ONLY THE MASTER BRANCH WILL BE GRADED! Late submissions or changes to the repo after the due will penalized by 30%.

Secondary branches should be named appropriately IE dev.tvr.bio, dev.jb.bio
Submit the repo link via FOL dropbox - DO NOT submit files. They will be ignored.

Additional information will be given in class, you are encouraged and expected to ask questions, if you are absent it is your responsibility to check with other students.

Submission:

- Project must be submitted within Week 9 class time.
- When I download from your repo, the zip file should be named = "LastName_FirstName_1056_Project4.zip"

folder contents:

- index.html
- images folder
- css folder
- js folder
- assets folder (everything you used in the creation of this project, wireframe, design brief psd)
- includes folder

PLEASE NOTE: That your project will not be graded unless you adhere to what has been outlined for you in this document. Individual practices that were given to you during the semester are applicable here as well.

i.e: A photoshop file with improperly labeled layers, code not in between body tags, lack of naming conventions, etc.

Grading (5%)

Project 5: *Responsive Web Design*

BASIC RESPONSIVE LAYOUT

05_Project5_05/a

Responsive Web Design

Assignment Description:

Your team is responsible for building a mobile first responsive web page/template using Flexbox and or the CSS grid.

Assignment Requirements:

The objective is to create a responsive boxed out version of one of the wireframes you created for the final integrated assignment. Your HTML5 and CSS file must validate. Semantic tagging is required.

Web Page

- 1 page
- Semantic HTML 5 tagging
- Link to CSS file, JS File and Reset
- Valid HTML5 & CSS
- Proper Document Outline

Additional Components

Link to Github repo: master branch with dev branches as required (don't delete branches).

ONLY THE MASTER BRANCH WILL BE GRADED! Late submissions or changes to the repo after the due will penalized by 30%.

Secondary branches should be named appropriately IE dev.tvr.bio, dev.jb.bio
Submit the repo link via FOL dropbox - DO NOT submit files. They will be ignored.

Additional information will be given in class, you are encouraged and expected to ask questions, if you are absent it is your responsibility to check with other students.

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Submission:

- Project must be submitted within Week 11 class time.
- When I download from your repo, the zip file should be named = "LastName_LastName_1056_Project5.zip"

folder contents:

- index.html
- images folder
- css folder
- js folder
- assets folder (everything you used in the creation of this project, wireframe, design brief psd)
- includes folder

PLEASE NOTE: That your project will not be graded unless you adhere to what has been outlined for you in this document. Individual practices that were given to you during the semester are applicable here as well.

i.e: A photoshop file with improperly labeled layers, code not in between body tags, lack of naming conventions, etc.

Grading (5%)

Additional Information:

Missed tests/exams will not be rescheduled without some valid evidence of some important event over which the student has no control (e.g., Court appearance, death in the family). Missed tests or exams, therefore, can receive a zero. The students are advised to notify the professor prior to missing the test.

Students are expected to hand in all assignments to the course instructor on the due date, and all assignments must be submitted in the format specified by the instructor (e.g., on FOL, in printed form, on a specific lab computer, etc.); assignments will not be accepted in any format other than that specified.

Late assignments will not be accepted, nor will make up test or assignments be permitted, without some valid evidence of some important event over which the student has no control (e.g., documented illness, death in the family). Missed tests or assignments, therefore, will receive a mark of zero. Late assignments and make-up tests will only be permitted following the submission of adequate documentation acceptable to the instructor (e.g., a doctor's note). Students are advised to notify the instructor prior to missing an assignment due date or a scheduled test.

Immediately upon return from an illness/absence in which a test or assignment has been missed, the student is responsible for contacting the course instructor to discuss the problem. The instructor will make arrangements for any student deemed eligible. The alternative test/assignment will be of equal value to the one missed with no grade penalty. The timeline and due dates will be determined by the course instructor.

At mid-term, any unsatisfactory results will be reported to the student.

This course may be revised by the professor with suitable notification to the students. Students are responsible for making arrangements to pick up missed handouts, assignments and course announcements from classmates.

Plagiarism (e.g., failure to acknowledge sources used, submitting another student's work under your name, or producing work for another student to submit) is a serious academic offense that shall result in appropriate penalties, to be determined at the discretion of the course professor in consultation with the chairperson of the Communication Arts division. The penalties shall range from failure of an assignment to possible failure of the course. Students shall not make the assumption that any provision will be made by the professor to permit the student to rewrite or redo failed assignments.