ARTT489Q
Advanced Special Topics in Art
Front End Web Design and Development

Course Description
This course presents a practical and project-oriented introduction to modern front end web development. Students will learn to design and build websites using technologies including HTML, CSS, JS, Sass, and Bootstrap.

Course Details
- **Prerequisites**: None
- **Credits**: 1
- **Seats**: 20
- **Lecture Time**: Friday, 12:00pm - 12:50pm
- **Location**: ASY 3304
- **Semester**: Fall 2018
- **Course Facilitators**: David Ng & Charlie Ching
- **Faculty Advisor**: Brandon Morse
- **Syllabus Last Updated**: August 27, 2018

Course Goals
After taking this course, students will be able to design and create websites using modern front end web development tools.

Required Materials
- A laptop to bring to class and work on outside of class

Optional Readings
- Front-End Developer Handbook 2018 [link]

Topics Covered
- HTML
- CSS
- JavaScript
- UI/UX Best Practices
- Responsive Design
- Version Control & Deployment
  - Git, GitHub
  - GitHub Pages
  - Domain Names
- Development Tools
- Modern Libraries
  - SCSS

- ○ Bootstrap
- ○ jQuery

Grading

Grades will be maintained on ELMS. You are responsible for all the material discussed in lecture and posted on the class website, including announcements, deadlines, policies, etc.

Your final course grade will be determined according to the following percentages:

% Total	Assignment	Description
65%	Projects	Individual projects that teach practical skills in various situations.
25%	Final Project	Final project to demonstrate mastery of topics learned and apply knowledge towards creating a full website from scratch.
10%	Class Participation	Students are expected to attend class, follow workshops, and participate in any necessary discussions

Any request for reconsideration of any grading on coursework must be submitted within one week of when it is returned. No requests will be considered afterwards.

Tentative Schedule:

Week	Topic	Assignment
1 (8/31)	Introduction, HTML	
2 (9/7)	HTML, CSS	PI OUT
3 (9/14)	Chrome Dev Tools, CSS	
4 (9/21)	Create a Website	P1 DUE
5 (9/28)	SCSS	P2 OUT
6 (10/5)	UI/UX	
7 (10/12)	Responsive Design	P2 DUE
8 (10/19)	Bootstrap	P3 OUT
9 (10/26)	Git, GitHub	
10 (11/2)	Deploying your Website	P3 DUE

11 (11/9)	JavaScript	FINAL OUT
12 (11/16)	JavaScript	FINAL IDEAS DUE
13 (11/23)	Thanksgiving Break	
14 (11/30)	jQuery	
15 (12/7)	Final Presentations & Critique	FINAL DUE

Projects
Projects will assess your understanding of new concepts and techniques shared during class. Projects must be submitted electronically following the instructions given in each project assignment.

Projects may be submitted up to 24 hours late for a 10% penalty, but after 24 hours, they will no longer be accepted.

Course Staff Communications
We will interact with students outside of class in primarily two ways: in-person during office hours and email.

- **Course Facilitators:**
    - David Ng - dng5@umd.edu
    - Charlie Ching - cching@terpmail.umd.edu

- **Faculty Advisor:**
    - Brandon Morse - ebmorse@gmail.com

Office Hours

Instructor	Hours	Location
David Ng	By appointment	TBD
Charlie Ching	By appointment	TBD
Brandon Morse	By appointment	N/A

ADDITIONAL INFORMATION

Excused Absence and Academic Accommodations
For more information, see the section titled "Attendance, Absences, or Missed Assignments" available at Course Related Policies.

As an addition to the regular University policy, everyone is entitled to one free *unexcused* absence.

Disability Support Accommodations
See the section titled "Accessibility" available at Course Related Policies.

Academic Integrity
Note that academic dishonesty includes not only cheating, fabrication, and plagiarism, but also includes helping other students commit acts of academic dishonesty by allowing them to obtain copies of your work. In short, all submitted work must be your own. Cases of academic dishonesty will be pursued to the fullest extent possible as stipulated by the Office of Student Conduct.

It is very important for you to be aware of the consequences of cheating, fabrication, facilitation, and plagiarism. For more information on the Code of Academic Integrity or the Student Honor Council, please visit http://www.shc.umd.edu.

Copyright notice
Class lectures and other materials are copyrighted. They may not be reproduced for anything other than personal use without written permission from the instructor. Copyright infringements may be referred to the Office of Student Conduct.

Academic accommodations for students who experience sexual misconduct
The University of Maryland is committed to providing support and resources, including academic accommodations, for students who experience sexual or relationship violence as defined by the University's Sexual Misconduct Policy. To report an incident and/or obtain an academic accommodation, contact the Office of Civil Rights and Sexual Misconduct at 301-405-1142. If you wish to speak confidentially, contact Campus Advocates Respond and Educate (CARE) to Stop Violence at 301-741-3555. As 'responsible university employees' faculty are required to report any disclosure of sexual misconduct, i.e., they may not hold such disclosures in confidence. For more information: http://www.umd.edu/ocrsm/

Diversity
The University of Maryland values the diversity of its student body. Along with the University, I am committed to providing a classroom atmosphere that encourages the equitable participation of all students regardless of age, disability, ethnicity, gender, national origin, race, religion, or sexual orientation. Potential devaluation of students in the classroom that can occur by reference to demeaning stereotypes of any group and/or overlooking the contributions of a particular group to the topic under discussion is inappropriate.

Other university policies
For information on elms, counseling, health, learning workshops, tutoring, writing help, student rights in undergrad courses, questions about graduation or add/drop/withdraw, please see http://www.ugst.umd.edu/courserelatedpolicies.html

Course Evaluations
If you have a suggestion for improving this class, don't hesitate to tell the course facilitators or faculty advisor during the semester. At the end of the semester, please don't forget to provide your feedback using the campus-wide CourseEvalUM system. Your comments will help make this class better.

Thanks to the writers of the CMSC389K, CMSC389L, & ARTT489Z syllabi for the wording of much of this document.