ARTT489F

Advanced Special Topics in Art
Introduction to Front End 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 along with web interfaces using technologies including HTML, CSS, JS, Bootstrap, Git, and React.

Course Details
- **Prerequisites**: None
- **Credits**: 1
- **Seats**: 20 (or possibly more depending on demand?)
- **Lecture Time**: Friday, TBD
- **Location**: ASY 3304
- **Semester**: Fall 2018
- **Course Facilitators**: David Ng & Charlie Ching
- **Faculty Advisor**: Brandon Morse
- **Syllabus Last Updated**: February 5, 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

Topics Covered
- HTML
- CSS
- JavaScript
- UI/UX Best Practices
- Responsive Design
  - Bootstrap
- Version Control & Deployment
  - Git, GitHub, GitHub Pages
- Development Tools
- Modern Libraries
  - Sass
  - Bootstrap
  - jQuery
  - React

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%	Quizzes	Weekly take home quizzes to assess understanding of topics covered.

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	P1 OUT
3 (9/14)	HTML + CSS	
4 (9/21)	Sass	P1 DUE
5 (9/28)	UI/UX	
6 (10/5)	Responsive Design	P2 OUT
7 (10/12)	Git, GitHub	
8 (10/19)	JavaScript	P2 DUE. P3 OUT
9 (10/26)	JavaScript	
10 (11/2)	jQuery	FINAL OUT.
11 (11/9)	React	P3 DUE. P4 OUT

12 (11/16)	React	
13 (11/23)	Thanksgiving Break	
14 (11/30)	TBD	P4 DUE.
15 (12/7)	TBD	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.

Quizzes
Quizzes will be weekly and will assess students on topics covered in class. They will be made available on ELMS and will take no longer than 15 minutes to complete.

Quizzes 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	TBD	TBD
Charlie Ching	TBD	TBD
Brandon Morse	By appointment	N/A

ADDITIONAL INFORMATION

Excused Absence and Academic Accommodations
See the section titled "Attendance, Absences, or Missed Assignments" available at [Course Related Policies](#).

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.