DIGD 307-1: ADVANCED WEB DESIGN AND STRATEGY
17FL (2017 Fall)

Course Schedule
(subject to change)

Week 1: Mon Aug 21   Course introduction, review web design workflow
                                 Review foundations HTML and CSS
Learning outcomes: Identify user requirements and generate web design workflow deliverables. Review and write HTML markup for attributes and elements, page titles, paragraphs, headings, lists, images, tables, and forms. Review and write CSS selectors, properties, values, colors, text size and shape, margins and padding, and borders. Explore user scenarios as part of user experience.

Week 2: Mon Aug 28   Mobile-first and responsive web design
Learning outcomes: Gain understanding of current practices in mobile-first design and designing for multiple devices. Write mobile-first media queries. Reflect on user experience considerations of mobile-first/responsive designs.

Week 3: Mon Sept 4   LABOR DAY (NO CLASS)

Week 4: Mon Sept 11   CSS Frameworks
Learning outcome: Continue exploration and understanding of CSS frameworks such as Bootstrap.

Week 5: Mon Sept 18   Advanced HTML
Learning outcome: Write HTML markup for special text (time, mark, presentation), conditional comments, tables (columns, headers, footers), links (accessibility), forms (accessibility, input types, attributes, data lists), embedded content (video and audio).

Week 6: Mon Sept 25   Advanced CSS, part 1
Learning outcomes: Write CSS for flexbox layouts.

Week 7: Mon Oct 2   Advanced CSS, part 2
Learning outcomes: Write CSS Grid for layouts.

Week 8: Mon Oct 9   Principles of UX, presentations and user testing
Learning outcomes: Apply user experience design principles (the fold, accessibility, minification/loading speed, optimization, design for multiple devices, analytics, color theory and composition, typography) to website design.
Due today: *Presentation of work-in-progress Project #1 and #2, presentation file and Slack critique due by end of class*

Mon Oct 16   Midterm grades due

Week 9: Mon Oct 16   Advanced CSS, part 3
Learning outcome: Write CSS for transitions and transforms as an introduction to interactivity

Week 10: Mon Oct 23   JavaScript and jQuery, part 1
Learning outcomes: Recognize basic JavaScript functions and variables, utilize pre-written scripts in website designs.

Week 11: Mon Oct 30   JavaScript and jQuery, part 2
Week 12: Mon Nov 6   JavaScript and jQuery, part 3
Learning outcomes: Experiment with and utilize jQuery plugins in website designs.

Week 13: Mon Nov 13   Advanced CSS, part 4
Learning outcomes: Write CSS for supports, custom variables, filters, etc.

Week 14: Mon Nov 20   Studio time / TBA

Week 15: Mon Nov 27   Studio time / TBA

DATE TBA   *Presentation of Final Project #1 and #2, final code and assets due to the instructor*

Fri Dec 15   Grades due/available to students