

# **DSGN 90: Build your own website or portfolio**

Instructor: Tricia Ngoon (tngoan@ucsd.edu)

Meeting: TBD

Summer Session 2

August 2 – September 8

## **This Course**

In this course, you will learn basic technical and design skills to build your own website or portfolio. This seminar is also an opportunity for you to improve course materials for the upper-division Interaction Design (COGS 120) course. Bring your laptop to class each day to complete in-class assignments.

The skills you will learn are:

- Source control with Git and Github
- Web design principles
- Basic HTML/CSS
- Basic JavaScript

Each class session will consist of a lecture on concepts with activities throughout the lecture, followed by time to complete assignments in class.

## **Prerequisites**

No course prerequisites.

## **Grading**

This course is a P/NP course. In order to pass, the following requirements must be met:

- No more than 1 unexcused absences/tardies
- 4 out of 5 assignments graded with a check or higher on a check -, check, and check + scale
- Regular participation in class

## Schedule

### Week 1: Source control & basic HTML

- Source control
  - Git basics
  - Using GitHub
- Wireframing
- Basic HTML
  - Basic tags
  - Class vs. id
  - Text
  - Images
  - Hyperlinks
- **Assignment 1:** Wireframe your webpage and outline your webpage in HTML

### Week 2: Styling with CSS

- CSS
  - Bootstrap
  - Changing text color/size
  - Styling images
- **Assignment 2:** Add styling to your webpage

### Week 3: Interactive web pages

- Javascript & JQuery

- Buttons
- Functions
- Changing text
- **Assignment 3:** Add functionality and pages to your site

#### Week 4: Analytics & A/B Testing

- Using Google Tag Manager
- Running experiments on your site
- **Assignment 4:** Run an A/B test on your site

#### Week 5: Finalize!

- Final polishes on webpage
- **Submit final website code**