

Course Overview

Course: Web Development 2 (FWDP 2000)

Instructor: Michael Whyte

Course Description:

This course explores advanced mobile-first responsive layout techniques and team-based web development process techniques.

Students will develop an understanding of web development processes as part of a team of developers and project stakeholders. They will review modern CSS, which provides many tools for creating advanced mobile-first responsive layouts. Practical applications will be demonstrated and reviewed, including creating animated user interfaces using standards-compliant HTML and CSS.

Sharing and version-controlling code, automating tasks using task runners and improving CSS development using the latest CSS pre-processors will be discussed and practiced.

Course Outcomes:

Upon successful completion of this course, students will be able to:

- Create HTML forms
- Write CSS using a CSS pre-processor
- Version control and share code with other developers
- Develop a website as part of a team of developers

Course Evaluation:

Project 1a - 25%

Project 1b - 25%

Project 2 - 50%

Total: 100%

Course Schedule:

Day 01

- HTML forms
- Group Project 1a
- Group Project 1b
- Lab Time

Day 02

- Responsive images
- Lab Time

Day 03

- Sass
- Lab Time

Day 04

- Git and GitHub
- Group Project 2

Day 05

- Lab Time

Day 06

- Lab Time

Day 07

- Lab time

Day 08

- Lab Time

Day 09

- Lab Time

Day 10

- Lab time