Beyond Wordpress: Taking your Website to the Next Level with Javascript (incl. JQuery)

Wednesdays 3:00pm - Daniel Hamilton

Grading:

- Participation: 14 Classes * 3% = 42%
- Projects: 5 * 5% = 25%
- Final Project: 33%

Calendar:

Week 1: Introduction to HTML Syntax

- Basic document setup
- XML Structure
- Text elements

Week 2: Exploring HTML elements

- Lists
- Tables
- Form Inputs
- Anchors

Assign: Project 1

Week 3: Basics of CSS styling

- Adding to an html page
- CSS Syntax

- Selectors
- Font Styling
- Divider Sizing

Week 4: More CSS Styling

Due: Project 1

- Backgrounds
- Borders
- Positioning

Assign: Project 2

Week 5: Introduction to Javascript Syntax

- Adding to an html page
- Display messages
- Variables
- Arithmetic

Week 6: More Javascript

Due: Project 2

- Inputs
- If Statements
- Loops

Assign: Project 3

Week 7: Even More Javascript

- Functions
- String Methods
- Date Methods
- Random Methods

Week 8: DOM Interaction

Due: Project 3

- Finding HTML Elements
- Changing HTML Elements

Assign: Project 4

Week 9: More DOM Interaction

- Adding/Deleting Elements
- Event Handlers

Week 10: Introduction to JQuery

Due: Project 4

- Simplifying previous knowledge
- JQuery Syntax

Assign: Project 5

Week 11: More JQuery

- Review XML structure
- Accessing children / parents / siblings
- CSS Styling Examples

Week 12: More JQuery

Due: Project 5

- Interaction with forms using JQuery
- More specifics with Event Handlers

Assign: Final Project

Week 13: Review / Questions

- Review of HTML, CSS, Javascript, JQuery
- Answering Questions
- Work on Final Project

Week 14: Presentations

Due: Final Project

- Final Project Presentations