# Lecture 1

# MOD8: Advanced Web Programming

**Review of HTML, CSS, and Bootstrap Advanced Topics.**

During this course, the following HTML and CSS components will be covered in a hands-on approach, all codes developed during the course will be available at the end of the course on Moodle

Please use the guide reference at the end of this document for additional information.

**HTML**

- Html Structure
  - Head, Body, Meta tags, style, script, etc.
- Semantic Tags
  - Header, main, nav, footer, etc.
- General Tags
  - a, img, iframe, list, table, etc.
- Form Tags
  - Input, input types, labels, select, textarea, submit, etc.

References: https://www.w3schools.com/html/default.asp

**CSS**

- Syntax
  - Declaration, properties, elements, class, id, etc.
- General Properties
  - Background, color, padding, margin, display, etc.
- Position Strategies
  - Relative, absolute, fixed
  - 
References: https://www.w3schools.com/css/default.asp

**Bootstrap**

- The framework
- Documentation
- Installation
- Common Class
- Code Analyses and Examples

References: https://getbootstrap.com/