

# Course Outline

## Introduction

- **What is HTML?**
  - Definition and it's use
  - Execution and Setup

## Basic Structure

- **Basic HTML Tags**
- **HTML Document Structure**
- **Meta Information**

## Text Formatting and Semantics

- **Headings and Paragraphs**
  - `<h1>` to `<h6>`
  - `<p>`
- **Text Styling**
  - `<b>`, `<strong>`, `<i>`, `<em>`, `<u>`, `<mark>`
- **Lists**
  - Ordered lists (`<ol>`)
  - Unordered lists (`<ul>`)
  - List items (`<li>`)
- **Links and Anchors**
  - `<a>` tag and attributes (`href`, `target`)
- **Images**
  - `<img>` tag and attributes (`src`, `alt`, `title`)

## Multimedia

- **Embedding Videos**
  - `<video>` tag and attributes (`src`, `controls`, `autoplay`, `loop`)
- **Audio**
  - `<audio>` tag and attributes (`src`, `controls`, `autoplay`, `loop`)

## Forms

- **Form Basics**
  - `<form>` tag and attributes (action, method)
- **Input Elements**
  - `<input>` types (text, password, email, number, radio, checkbox, submit)
  - `<textarea>`
  - `<button>`
- **Labels and Fieldsets**
  - `<label>` tag
  - `<fieldset>` and `<legend>`

## Tables

- **Table Structure**
  - `<table>`, `<tr>`, `<td>`, `<th>`
  - `<thead>`, `<tbody>`, `<tfoot>`
- **Attributes**
  - colspan, rowspan, border

## Semantic HTML5 Elements

- **Sectioning Elements**
  - `<header>`, `<footer>`, `<nav>`, `<section>`, `<article>`, `<aside>`, `<main>`
- **Grouping Content**
  - `<div>`, `<span>`

## Additional Features

- **HTML Entities**
  - Common entities (`&amp;`, `&lt;`, `&gt;`, `&nbsp;`)
- **Comments**
  - `<!-- Comment -->`

## Conclusion

- **Recap of Key Points**
- **Further Learning Resources**
  - Links to documentation