Course duration

- 8.0 hours

Course Benefits

- Learn to create HTML forms using the latest HTML standards.
- Learn to style forms with CSS.
- Learn to validate forms on the client with JavaScript.

Available Delivery Methods

Self-Paced
Learn at your own pace with 24/7 access to an On-Demand course.

Course Outline

1. HTML Forms
    1. How HTML Forms Work
    2. The <form> Tag
        1. Get vs. Post
    3. Form Elements
        1. id and name Attributes
        2. Text Fields
        3. Labels
        4. Text-like Input Types
        5. placeholder Attribute
        6. pattern Attribute
        7. Password Fields
        8. Date and Time Fields
        9. Number Fields
        10. Color Fields
        11. Tel, URL, and Email Fields
        12. tel
        13. url and email
        14. Search Fields
        15. Hidden Fields
    4. Buttons
        1. Submit Button

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        2. Reset Button
        3. Button Buttons
    5. Checkboxes
    6. Radio Buttons
    7. Fieldsets
    8. Select Menus
        1. Option Groups
    9. Textareas
2. JavaScript Form Validation
    1. Server-side Form Validation
    2. HTML Form Validation
    3. Accessing Form Data
    4. Form Validation with JavaScript
    5. Checking Validity on Input and Submit Events
    6. Adding Error Messages
        1. The dataset Property
    7. Validating Textareas
    8. Validating Checkboxes
    9. Validating Radio Buttons
        1. Which Radio Button was Selected?
    10. Validating Select Menus
    11. Giving the User a Chance
3. Styling Forms with CSS
    1. General Form Layout
    2. Form-field Pseudo-Classes
    3. Applying Pseudo-Classes to Forms
    4. Radio Buttons, Checkboxes, and Fieldsets

Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

Class Prerequisites

Experience in the following *is required* for this JavaScript class:

- Basic HTML
- Basic CSS
- Basic JavaScript

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