O&B ACADEMY

WEB-101

Web Development Fundamentals

Web Development Fundamentals

OVERVIEW

Skill Level	:	Beginner
Suitable for	:	Anyone who interested in learning the basics of HTML/CSS applied in webpage building
Duration	:	2 Days

This training course will cover the basics of building web pages using HTML. Lectures will cover an introduction of HTML and CSS, along with a brief introduction of JavaScript and Bootstrap.

Participants will be given extensive hands-on exercises to reinforce the lessons covered throughout the course. This training course was developed and is taught by some of the Philippines' well-known and respected web developers, and uses the format trusted by some of the best companies in the Philippines.

LEARNING OUTCOMES

Participants will learn the basics of HTML programming and will learn how to build web pages using the technology.

Participants will leave the course with a workable foundation in HTML and CSS, which will enable them to move on to more advanced courses.

DAY 1: HTML - Elements and Structure

Introduction to HTML (Structure, Elements, and Tags)

- Describing Understanding document/page structure
- Learning about markup (HTML)
- Tags and elements

Text (plus lists, links, and HTML 5 sectioning elements)

- Text: Headings and paragraphs
- Lists: Numbered, bullet
- Links
- Important text and emphasis
- Quotations, abbreviations, etc.
- HTML sectioning elements: <article>, <section>, <aside>, <nav>, <header>, <main>, <footer>

Images, Tables, Forms

- Include an image in your web pages using HTML
- Show an image at the right size
- Information that suits tables
- Creating tables
- Representing complex data in tables
- <form> and input control elements
- Form validation

Extras (including comments and meta tags)

- Evolution of HTML (DOCTYPE)
- Comments in HTML code\
- Global attribures: id, class
- Block and inline elements (<div> and <span>)
- Information about pages (<meta>)
- Escaping characters

DAY 2: CSS Fundamentals

Introduction to CSS (Rules, Properties, and Values)

- How CSS works
- Rules, properties, and values
- Adding CSS rules to HTML pages
- Common CSS selectors: universal, type, class, id, child, descendant

Color and Text

- Foreground and background color;
- Color values: color names, hex codes, RGB values
- Opacity (CSS3)
- Properties to control: font, size, weight, style

O&B ACADEMY
Engineering for the Real World

Boxes, Positioning, and Layout

- Control the dimensions of boxes
- Margin, border, and padding
- Positioning: static, relative, absolute

Media Query

- Responsive web design
- Using media queries to conditionally apply styles

Brief Introduction to JavaScript and Bootstrap

- Evolution Introduction to JavaScript
- Introduction to Bootstrap (CSS)

O&B

ACADEMY

Engineering for the Real World

Enquiries

📞 +63 2 5322 2307

✉ training-sales@orangeandbronze.com