

# WEB DESIGNING COURSE MODULE

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## WEEK 1 - Introduction to HTML

- ▶ Design thinking process
- ▶ What is HTML?
- ▶ Tag Syntax
- ▶ Create HTML

### HTML Document

- ▶ structure
- ▶ Doctype
- ▶ html element
- ▶ head element
- ▶ body element

### Basic content

- ▶ Headings
- ▶ Paragraph
- ▶ Line
- ▶ List
- ▶ unordered list
- ▶ ordered list
- ▶ definition list
- ▶ Image

### Hyper Links

- ▶ What is Hyper Links
- ▶ Hyper Links
- ▶ Relative paths or Absolute URL

- ▶ Relative path
- ▶ absolute URL

## **WEEK 2 - Tables**

- ▶ Table
- ▶ Table row
- ▶ Table data
- ▶ Table heading
- ▶ Captions

## **Forms**

- ▶ User-submittable form
- ▶ The action attribute
- ▶ The method attribute
- ▶ Form controls
- ▶ The Input element
- ▶ type=""text""
- ▶ type=""radio""
- ▶ type=""tel""
- ▶ type=""email""
- ▶ The textarea element
- ▶ Select menu
- ▶ The select element
- ▶ The option element
- ▶ button

## **Other HTML ELEMENT**

- ▶ pre
- ▶ blockquote
- ▶ center
- ▶ u
- ▶ i
- ▶ b
- ▶ br

- ▶ font
- ▶ marquee
- ▶ small
- ▶ sub , sup
- ▶ strike"

## **WEEK 3 - Introduction to CSS**

- ▶ What is CSS
- ▶ Syntax
- ▶ Selectors
- ▶ Type selector
- ▶ Class selector
- ▶ ID selector
- ▶ Descendant combinator
- ▶ Grouping
- ▶ Create CSS
- ▶ Adding style to HTML
- ▶ Linking style sheet
- ▶ Internal style sheet
- ▶ inline style sheet
- ▶ external style sheet

## **Styling**

- ▶ Design thinking process
- ▶ Texts
- ▶ text-align
- ▶ text-decoration
- ▶ text-indent
- ▶ line-height
- ▶ vertical-align
- ▶ text-transform
- ▶ letter-spacing
- ▶ word-spacing
- ▶ white-space

## **Box Size**

- ▶ width
- ▶ height

## **Visual formatting**

- ▶ display
- ▶ position
- ▶ top
- ▶ right
- ▶ left
- ▶ bottom
- ▶ Float
- ▶ clear
- ▶ z-index
- ▶ overflow
- ▶ clip
- ▶ visibility
- ▶ cursor

## **CSS Fonts**

- ▶ font-size
- ▶ font-family
- ▶ font-style
- ▶ font-weight
- ▶ Font Face
- ▶ Custom Fonts
- ▶ Google Fonts
- ▶ Lists
- ▶ Link

## **Box model**

- ▶ Box model
- ▶ Paddings and Margins
- ▶ Background

- ▶ Borders
- ▶ outline
- ▶ color
- ▶ opacity

## **WEEK 4 - Introduction to HTML Doctype**

- ▶ The HTML5 doctype
- ▶ The HTML 4.01 strict doctype
- ▶ The HTML 4.01 transitional doctype
- ▶ The XML 1.0 strict and transitional doctypes
- ▶ The HTML 4.01 and XML 1.0 frameset doctypes
- ▶ Other doctypes

## **List of HTML ELEMENT**

- ▶ Grouping content
- ▶ div
- ▶ Text-level semantics
- ▶ cite
- ▶ code
- ▶ em
- ▶ kbd
- ▶ span
- ▶ Sections
- ▶ section
- ▶ nav
- ▶ article
- ▶ aside
- ▶ header
- ▶ footer
- ▶ address

## **Embedded content**

- ▶ canvas
- ▶ map

- ▶ area
- ▶ svg
- ▶ audio
- ▶ iframe
- ▶ video
- ▶ embed

## **HTML structural elements**

- ▶ canvas
- simple page structure using basic html
- Structuring a page with HTML 4
- div , span structure
- Enter HTML5 structural elements
- header, footer , nav , article , aside , section

## **Box Size**

- ▶ width
- ▶ min-width
- ▶ max-width
- ▶ height
- ▶ min-height
- ▶ max-height

## **Styling tables**

- ▶ Table and cell width
- ▶ border, padding , margin
- ▶ A simple design

## **Styling forms**

- ▶ label styling
- ▶ input styling
- ▶ select styling
- ▶ button styling
- ▶ textarea styling

- ▶ checckbox , radio button styling
- ▶ error message styling
- ▶ fieldset styling

## **WEEK 4 - Floats and clearing**

- ▶ How does floating work?
- ▶ Margins on floats
- ▶ Clearing
- ▶ Containing floats
- ▶ Shrink-wrapping
- ▶ Centering Floats
- ▶ refrence

## **CSS positioning**

- ▶ Static positioning
- ▶ Relative positioning"
- ▶ CSS absolute and fixed positioning
- ▶ Absolute positioning
- ▶ Fixed positioning"

## **Introduce To CSS3**

- ▶ Type Selector
- ▶ elementname
- ▶ Universal Selector
- ▶ Attribute Selector
- ▶ [attributename]
- ▶ [attributename=""val""]
- ▶ [attributename~=""val""]
- ▶ [attributename|= ""val""]
- ▶ [attributename^=""val""]
- ▶ [attributename\$=""val""]
- ▶ [attributename\*=""val""]
- ▶ Pseudo-classes

- ▶ Dynamic pseudo-classes
- ▶ The target pseudo-class
- ▶ The language pseudo-class
- ▶ The UI element states pseudo-classes
- ▶ Structural pseudo-classes
- ▶ The negation pseudo-class
- ▶ Pseudo-elements
- ▶ ::first-line
- ▶ ::first-letter
- ▶ ::before
- ▶ ::after
- ▶ Combinators
- ▶ Descendant combinator
- ▶ Child combinators
- ▶ Adjacent sibling combinator
- ▶ General sibling combinator

## **Gradients**

- ▶ linear
- ▶ radial
- ▶ conic

## **Other CSS Properties**

- ▶ Transform
- ▶ Lists and Counters Properties
- ▶ Multi-column Layout Properties
- ▶ Filter Effects Properties
- ▶ Masking Properties
- ▶ box shadow
- ▶ Text shadow
- ▶ Transition
- ▶ css3 Animation



## **WEEK 5 - Headers footers columns and templates**

- ▶ Introduction
- ▶ The stylist's critical process steps
- ▶ Gather requirements
- ▶ Content classification
- ▶ Wireframes
- ▶ write code
- ▶ Test
- ▶ repair
- ▶ publish
- ▶ Element nesting and grouping
- ▶ Single column layout implementation"
- ▶ Double column layout implementation
- ▶ Two Column Equal layout
- ▶ Two Column Left Layout
- ▶ Two Column Right Layout"
- ▶ Triple column layout implementation
- ▶ Three Colun Equal Layout
- ▶ Three Column Layout

## **Responsive web design**

- ▶ mobile device query
- ▶ tablet device query
- ▶ desktop device query
- ▶ min width and max -width media query
- ▶ Responsive Layout introduction
- ▶ page center concept
- ▶ complex responsive layouts

## **Introduction to JQuery**

- ▶ Syntax
- ▶ Events
- ▶ Selectors

## types to apply jquery

- ▶ inline
- ▶ internal
- ▶ External jquery

## Jquery Effects

- ▶ hide/show
- ▶ Fade
- ▶ slide
- ▶ Animate
- ▶ stop()
- ▶ Callback
- ▶ Chaining

## jQuery HTML

- ▶ Get
- ▶ SEt
- ▶ Add
- ▶ Remove
- ▶ CSS Classes
- ▶ css()
- ▶ Dimensions

## jQuery Traversing

- ▶ Travesing
- ▶ Ancestors
- ▶ Descendants
- ▶ Siblings
- ▶ Filtering

## WEEK 5 - Introduction Bootstrap

- ▶ How to download Bootstrap
- ▶ How to Apply Bootstrap
- ▶ Grid Basic
- ▶ Typography
- ▶ Tables
- ▶ Images
- ▶ Jumbotron
- ▶ Wells
- ▶ Alerts
- ▶ Buttons
- ▶ Buttons Group
- ▶ Glyphicons
- ▶ Badges/ Labels
- ▶ Progress Bar
- ▶ Pagination
- ▶ Pager
- ▶ List groups
- ▶ Panels
- ▶ Dropdowns
- ▶ Collapse
- ▶ Tabs/Pills
- ▶ Navbar
- ▶ Forms
- ▶ Inputs
- ▶ input Sizing
- ▶ Carousel
- ▶ Modal
- ▶ Tooltip
- ▶ Popover
- ▶ Scrollspy
- ▶ Affix



# Thank you

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