UY LAB
Professional Web Design
Course Outline

Total Class: 20	Every Class: 2 hours	Course Duration: 40 hours

Class. #1	**Class Location:**	**Date:**

- What is web design?
- Basic concept of web design.
- Why you would work as a web designer?
- What is responsive web design and responsive website?
- Difference between web design and development.
- Startup web design
- What is HTML and HTML 5?
- Website design tools.
- File extension.
- Editor and Browser.
- HTML Syntax.
- Head and Body.
- Basic tags.

Class Assignment: HTML Basic tag and Creating html file and syntax.

Class. #2	**Class Location:**	**Date:**

- HTML single and double tag.
- HTML Comments.
- HTML list.
- HTML Elements and Attributes.
- Find out HTML 5 tags.
- Different types of images.

Class Assignment: HTML all tags & All attributes.

Class. #3	Class Location:	Date:

- Form Design.
- Input Types.
- Form Elements.
- Marquee tag.
- Find out HTML 5 tags.
- Audio and Video tag.
- Iframe Design.
- How to use Google map?
- How to use YouTube video?
- How to use W3C Compatible Coding.

Class Assignment: HTML all tags & Use Marquee tag All attributes.

Class. #4	Class Location:	Date:

- Introduction to CSS – CSS3 (Cascading style sheet).
- Syntax of CSS.
- How to use CSS in website (Inline/ Internal/ External).
- How to link External CSS?
- Introduction to Selector.
- Different Between Id & Class.
- Important Property of CSS.

Class Assignment: Create and linking external CSS file.

Class. #5	Class Location:	Date:

- Div Introduction.
- Margin and Padding Property Discussion.
- CSS Based Website Layout Design.
- Float.
- Type CSS.
  - Inline csss.
  - Internal css.
  - External css.
- Styling text and Font Size.

Class Assignment: Creating External CSS File Change HTML View.

Class. #6	Class Location:	Date:

- Flex box.
- Creating Menu & Dropdown Menu.
- Position.
  - Fixed.
  - Relative
  - Absolute.
  - Sticky.
- Icon.
- Font.

Class Assignment: Creating Dropdown menu with icons.

Class. #7	Class Location:	Date:

- Input box styling.
- Background Image.
- Parallax Effect.
- Background Position set in webpage.
- Border and Rounded Corner.
- Gradient & Shadow.
- Transition & Transformation.

Class Assignment: Creating webpage (Menu, Background image, etc).

Class. #8	Class Location:	Date:

Live Project with HTML & CSS.
Class Assignment: Make Personal Portfolio (Home, About, Service, Contact).

Class. #9	Class Location:	Date:

- Responsive CSS Framework.
  - Bootstrap.
  - Boilerplate.
  - Material UI etc.
- Why use Bootstrap.
- Install Bootstrap update.
- Discuss about Bootstrap Layouts.
- Bootstrap Grid System.
- Bootstrap all Components.

- Fully Customize Bootstrap Navbar.
- Fully Customize Bootstrap Slider.

Class Assignment: Bootstrap Grid system and all components use.

Class. #10	Class Location:	Date:

Photoshop
- What is Photoshop?
- Basic concept of Photoshop.
- Introduction Photoshop tools-.
- PSD convert system.
- Photoshop image slice.
- Pick PSD Color and Fonts.
- **PSD to Html Landing Page Design**

Class Assignment: PSD Web Page Requirement Base Slice.

Class. #11	Class Location:	Date:

- **PSD to Html Landing Page Design**

Class Assignment: Landing Page Design **with Standard coding structure.**

Class. #12	Class Location:	Date:

- **PSD to Html Landing Page Design**

Class Assignment: Landing Page Design **with Standard coding structure.**

Class. #13	Class Location:	Date:

Full Responsive
- Screen size.
    - Desktop or Laptop (1200px).
    - Tablets (992px).
    - Landscape (768px).
    - Portrait Phone (576px).

- **Class Assignment: Responsive all screen personal portfolio**

Class. #14	Class Location:	Date:

Basic Concept of JavaScript.
- What is JS?
- Why use JS?
- JS basic syntax.
- JS different type of output.
- JS statement, JS comments.
- JS variable, JS Objects.
- Operators.
- JS condition.
- JS for Loop.
- JS While-Loop
- JS DO-While Loop

Class. #15	Class Location:	Date:

- What is JQ?
- Why use JQ?
- JQ basic syntax.
- jQuery Events.
- jQuery Selectors.
- Some effect---
    - Fade In-fade out- Toggle.
    - Slide up-Slide Down -Slide Toggle.
    - Animation etc.

Assignment: Working with jquery.

Class. #16	Class Location:	Date:

- jQuery Plugins.
- Owl carousel.
- Isotope gallery.

- Animation CSS

Assignment: use jquery plugin in lanfing page.

Class. #17	Class Location:	Date:

Discussion about Freelancing Marketplace.
- Discussion on(https:/www.freelancer.com/) market place
- Creating account, updating profile.
- Finding jobs, Details of job page.
- Cover letter writing.
- Good profile creating system.
- Bidding technique.
- Contest attend & Review all contest.
- Account Security.

Assignment: Every STUDENT create account in market place & join contest.

Class. #18	Class Location:	Date:

- Discussion on(https://www.fiverr.com/) market place
- Creating account, updating profile.
- Cover letter writing.
- Good profile creating system.
- Gig title writing technique
- Setup Fiverr gigs
- Buyer Request.
- Account Security.

Assignment: Create Fiverr market place account. Set 5 Gigs with tag each

Class. #19	Class Location:	Date:

- ❖ What is CMS?
- ❖ What is WordPress?
- ❖ Why use WordPress?
- ❖ How to setup local server ?
- ❖ How to install WordPress in local server?
- ❖ Discussion about WP Dashboard & websites
- ❖ Discussion about WordPress theme & plugin.
- ❖ What is menu.
- ❖ Options in page.
- ❖ Discussion About Permalinks.
- ❖ Category.

- ❖ Settings.
- ❖ Widgets. Etc.

Class. #20	Class Location:	Date:

- ❖ **Creating a Fully functional newspaper site.**
- ❖ Plugins Regarding Newspaper site .
- ❖ Creating Post.
- ❖ Category.
- ❖ Settings.
- ❖ Widgets. Etc.

Class. #21	Class Location:	Date:

- ❖ **What is page builder?**
- ❖ install Elementor Page builder
- ❖ Create a **landing page** with Elementor Page page builder.

Class. #22	Class Location:	Date:

- ❖ What is woo commerce?
- ❖ Install woo commerce plugin
- ❖ Setup wooCommerce Plugin.
- ❖ Installing a woo commerce based theme

Class. #23	Class Location:	Date:

- ❖ Customizing ecommerce home page
- ❖ theme Setup
- ❖ Adding product
- ❖ Customizing slider
- ❖ Adding Variable Products.
- ❖ Shipping method setup
- ❖ Payment Gateway
- ❖ Coupon creating
- ❖ Checkout Page editing

Class. #24	Class Location:	Date:

- • **FINAL EXAM**
- • **FINAL PROJECT SUBMISSION.**