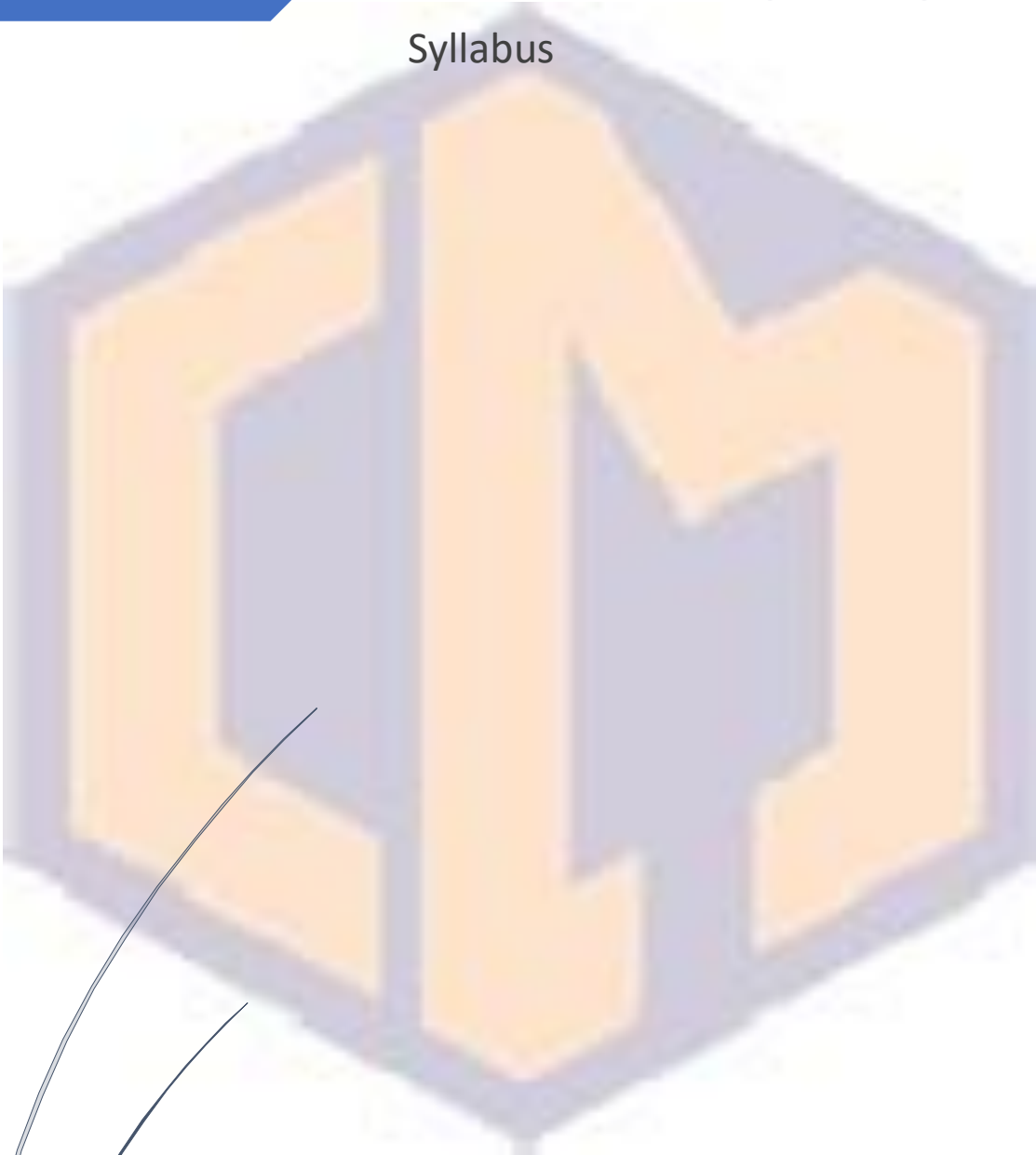




# Web Designing

Syllabus



 **CoderMask**<sup>®</sup>

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# Phase I – HTML & CSS

## Introduction to Web Design

- Roles and Responsibilities
- Current market requirements

## Basics

- Structure of HTML page
- Important tags
- Block-level vs Inline

## More Tags in HTML

- Heading, Meta tags
- Image, hyperlinks
- Layouts, forms, buttons
- Input fields

## Introduction To CSS

- What is CSS?
- Applying CSS for elements, and priority of CSS.
- Selectors

## More CSS properties

- Borders, font, pseudo-classes, position, etc.
- Box model, Floating elements.

- Absolute and Relative Paths.

### Introduction HTML5 and CSS3

- Advance schematics HTML5's tag
- CSS 2D and 3D transition
- CSS animations

### Mini Project

## Phase II – JavaScript

### Introduction

- Introduction, Why JavaScript, Programming Concept
- Variables and types
- Operators
- Datatypes and data structures in JS
- Conditional and control structures

### JS Supported Data structure

- Arrays and predefined methods
- Strings and predefined methods
- Object and JSON

### Advanced JavaScript

- Prototypes and Closure

- Inheritance
- Adding methods
- DOM manipulation
- BOM manipulation

## Phase III – jQuery & AJAX

### jQuery Framework

- Selectors and methods, dynamic properties
- Traversing methods.
- Advance methods

### AJAX

- Advantages
- Working with Ajax
- XML and JSON differences

## Phase IV – Bootstrap

### Introduction and Basics

- Introduction to bootstrap
- How touse
- Browser and device

## Layouts

- Overview
- Grid
- Utility of layout

## Content

- Typography
- Code
- Image
- Table

## Components

- Alerts
- Badge
- Button and its group
- Card, Carousel and, Collapse
- Dropdown
- Form and input group
- Jumbotron, List group and, Modal
- Nav and navbar
- Pagination and popovers
- Progress bar and tooltips

## Phase V – Project & Certification

### Project & Certifications

- Project Submission
- Certification

