

ROOMAN TECHNOLOGIES

Web Designing

Professional Web Designing Course with latest technologies HTML5, CSS3, Bootstrap, Responsive Web Designing. Read the entire web designing course syllabus.

HTML 4.01 and XHTML 1.1

- What is Markup Language
- Basic Structure of HTML
- Difference Between HTML and

XHTML

- Head Section and Elements of Head
- Section
- Meta Tags
- Css Tags
- Script Tag
- Table Tag
- Div Tag
- Header Tags
- Paragraph, Span, Pre Tags
- Anchor Links and Named Anchors
- Image Tag
- Object Tag
- Iframe Tag
- Forms
- Form Tag
- Attributes of Form
- POST and GET Method
- Fieldset and Legend
- Text input, Text area
- Checkbox and Radio Button
- Dropdown, List and Optgroup
- File Upload and Hidden Fields
- Submit, Image, Normal, Reset Button
- Creating a Live Website Form
- HTML Validators

Adobe Dreamweaver

- Introduction to Adobe Dreamweaver
- Dreamweaver Interface Basics

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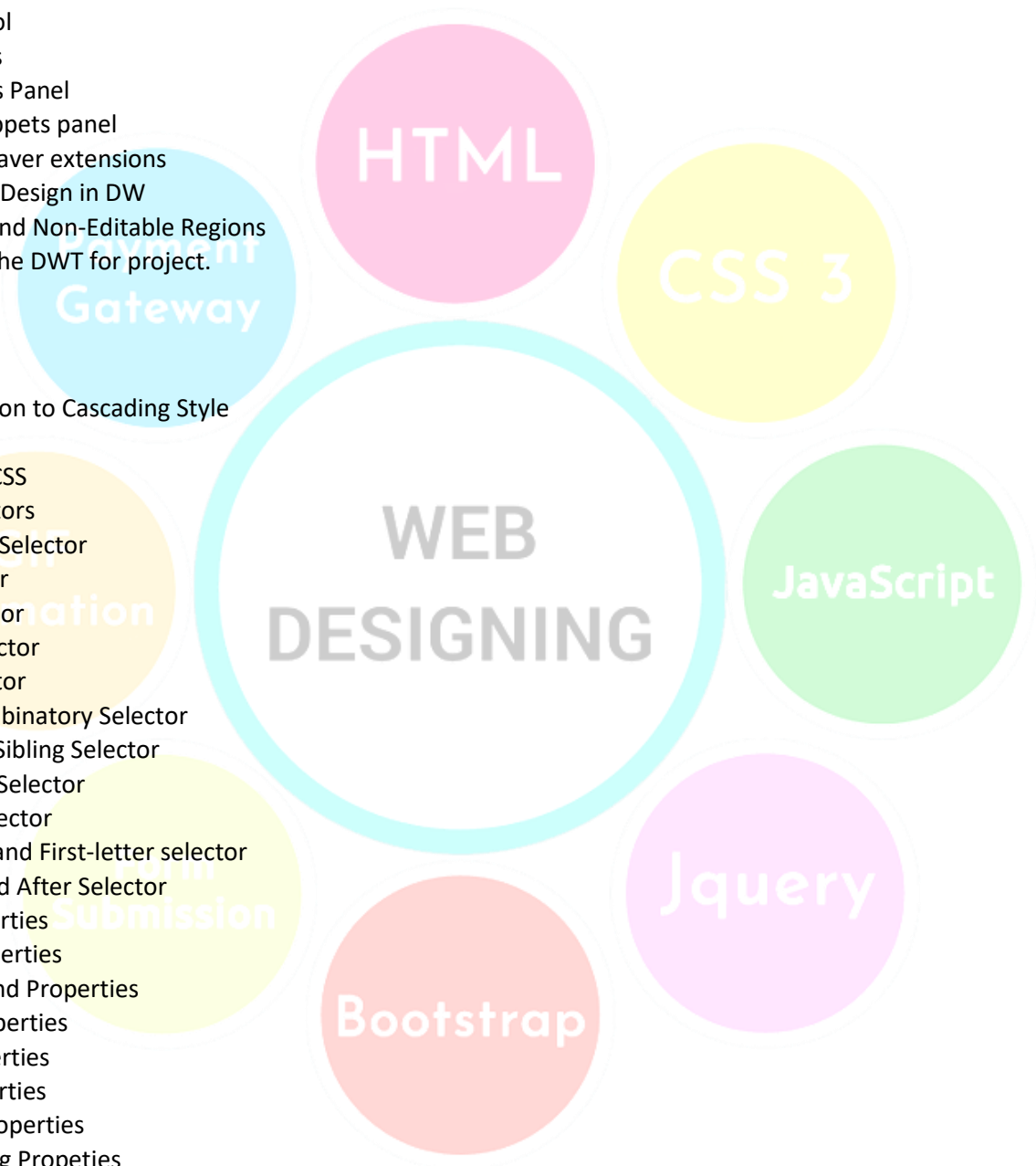
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- Defining a Dreamweaver site
- Insert Toolbar
- Common Tools
- Layout Tools
- Forms Tool
- Spry Tools
- Properties Panel
- Using Snippets panel
- Dreamweaver extensions
- Template Design in DW
- Editable and Non-Editable Regions
- Defining the DWT for project.
-

CSS 2.1

- Introduction to Cascading Style
- Sheets
- Types of CSS
- CSS Selectors
- Universal Selector
- ID Selector
- Tag Selector
- Class Selector
- Sub Selector
- Child Combinatory Selector
- Adjacent Sibling Selector
- Attribute Selector
- Group selector
- First-line and First-letter selector
- Before and After Selector
- CSS Properties
- Type Properties
- Background Properties
- Block Properties
- Box Properties
- List Properties
- Border Properties
- Positioning Properties
- Realtime Implementation
- Conversion of Table to CSS Layout
- CSS Menu Design (Horizontal, Vertical)
- Form Designing



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HTML 5

- Introduction to HTML5
- Features of HTML5
- HTML5 DocType
- New Structure Tags
- Section
- Nav
- Article
- Aside
- Header
- Footer
- Designing a HTML Structure of Page
- New Media Tags
- Audio Tag
- Video Tag
- Canvas and Svg Tag
- Introduction to HTML5 Forms
- New Attributes
- Placeholder Attribute
- Require Attribute
- Pattern Attribute
- Autofocus Attribute
- email , tel, url types
- number type
- date type
- range type

CSS 3

- Introduction to CSS 3
- New CSS 3 Selectors
- Attribute Selectors
- First-of-type
- Last-of-type
- Nth-child
- Element:empty
- New CSS3 Properties
- Custom Fonts
- Text-Shadow Property
- Text-Stroke Property



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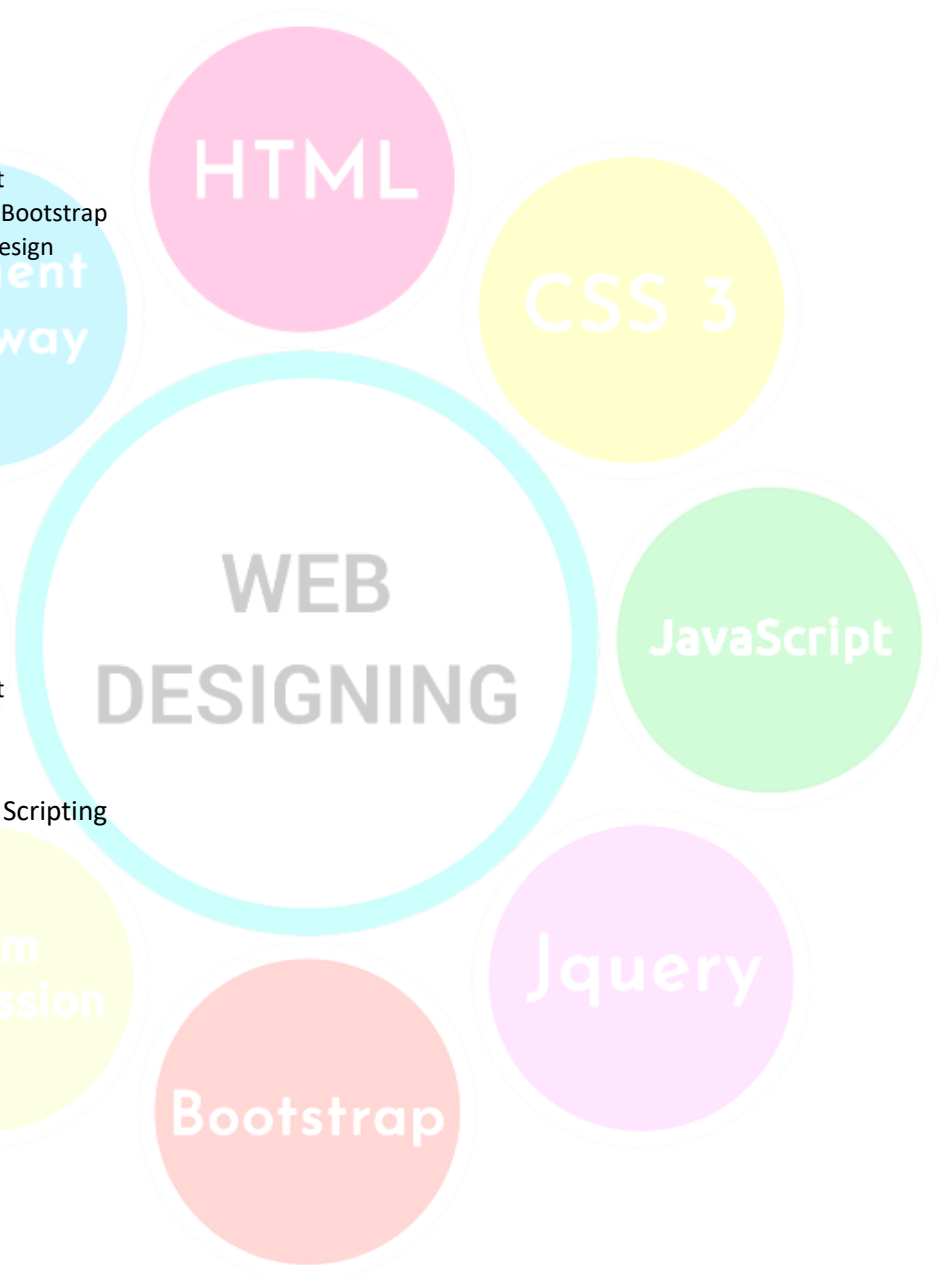
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- Rounded Corners
- Box Shadows
- CSS Gradients
- CSS Multiple backgrounds
- Opacity Property
- Transition effect
- Transform effect
- Animation effects
- Css Media Queries
- Using CSS3 in Practical Layout
- Responsive Web Design with Bootstrap
- Introduction to Responsive Design
- Mobile first design concepts
- Common device dimensions
- View-port tag
- Using css media queries
- Menu conversion script
- Basic Custom Layout
- Introduction to Bootstrap
- Installation of Bootstrap
- Grid System
- Forms
- Buttons
- Icons Integration
- Using CSS3 in Practical Layout

Java Script

- Introduction to Client Side Scripting
- Introduction to Java Script
- Javascript Types
- Variables in JS
- Operators in JS
- Conditions Statements
- Java Script Loops
- JS Popup Boxes
- JS Events
- JS Arrays
- Working with Arrays
- JS Objects
- JS Functions
- Using Java Script in Realtime
- Validation of Forms
- jQuery and jQuery UI
- Introduction to jQuery



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- jQuery Features
- Installing jQuery
- jQuery Syntax
- jQuery Ready Function
- jQuery Selectors
- jQuery Actions
- jQuery plugins
- jQuery Validation plugin
- jQuery Slideshow
- jQuery Dropdown
- jQuery UI
- Working with jQueryUI
- jQuery Accordions
- jQuery Tabs
- jQuery Tooltips
- jQuery Autocomplete

Web Hosting

- Web Hosting Basics
- Types of Hosting Packages
- Registering domains
- Defining Name Servers
- Using Control Panel
- Creating Emails in Cpanel
- Using FTP Client
- Maintaining a Website
- Website Project Design

Project



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Web Development

HTML 5

CSS 3

DHTML

JAVA SCRIPT

ANGULAR

JS NODE

JS J QUERY

I- Core PHP

Introduction of Web & PHP

- Basics of PHP, Versions, Why choose PHP?
- Installation and overview First Steps
- Embedding PHP code on a page
- Outputting dynamic text
 - Inserting comments Exploring Data Types, Variables and Arrays
- Arrays, Associative arrays, Array functions
- NULL and empty
- Constants Control Structures: Logical Expressions
- If statements, Else and elseif statements, Logical operators, Switch statements Control Structures: Loops
- While loops, For loops, Foreach loops, Continue, Break User-Defined Functions
- Defining functions, Function arguments, Returning values from a function
- Multiple return values, Scope and global variables Building Web Pages with PHP
- Using GET, POST and REQUEST Working with Forms and Form Data
 - Building forms
 - Detecting form submissions
- Single-page form processing
- Validating form values
- Problems with validation logic
- Displaying validation errors
- Custom validation functions

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- Single-page form with validations Working with Cookies and Sessions
 - Working with cookies
 - Setting cookie values
 - Reading cookie values
 - Unsetting cookie values
- Working with sessions II- PHP with Database MySQL Basics
- MySQL introduction
- Creating a database
- Creating a database table
- CRUD in MySQL
- Populating a MySQL database
- Relational database tables
- Populating the relational table Project



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