

ASP.NET Syllabus

Day	Chapter	Topics
Day-1	<ul style="list-style-type: none"> Introduction to web technologies 	<ul style="list-style-type: none"> What is Web site Features of web sites Usage of the web sites Types of Web Sites (Static & Dynamic) Difference between static & dynamic web sites What is Designing & Web Development
Day-2	<ul style="list-style-type: none"> HTML Introduction 	<ul style="list-style-type: none"> What is HTML What is Tag? Types of Tags with Syntax. What is Attributes? HTML Page Structure Rules to be followed in HTML Writing a Sample HTML page
Day-3	<ul style="list-style-type: none"> Body tag Heading tags Paragraph tag Pre tag Text formatting tags Entities 	<ul style="list-style-type: none"> <body> syntax <h1>, <h2>, <h3>, <h4>, <h5>, <h6> syntax & with example <p> syntax & with example <pre> syntax & with example , <i>, <u>, , , <sub>, <sup>, <small>, <big>, ... & with example &copy;, &tm;, &reg; ... & with example
Day-4	<ul style="list-style-type: none"> tag <hr> tag List tags <table> tag 	<ul style="list-style-type: none"> Syntax & with example. <hr> syntax & with example. List Tags: , , <DL> Syntax & with example. <table> tag Syntax & with example. How to create customized tables.

Day	Chapter	Topics
Day-5	<u>Creating forms:</u> <ul style="list-style-type: none"> • <form> tag • <input> tag • <select> tag • <textarea> tag 	<ul style="list-style-type: none"> • <form> tag features & syntax • <input> tag syntax & with example • Creating List & Drop down list controls using <select> tag • How to create multiline text entry controls using <textarea> tag
Day-6	<ul style="list-style-type: none"> • How to create Hyper links. • How to insert images in web pages. • How to create frames. 	<ul style="list-style-type: none"> • <a> anchor tag syntax & examples on creating locale links, e-mail links, named links & external links. • tag Syntax & with example. • Creating frames with <iframe>, <frameset> and <frame> tag .
Cascading Style Sheets (CSS)		
Day-7	<ul style="list-style-type: none"> • CSS 	<ul style="list-style-type: none"> • What is CSS • HTML Limitations • CSS Features • Types of CSS • Sample example
Day-8	<ul style="list-style-type: none"> • CSS Properties 	<ul style="list-style-type: none"> • Color and Background Properties • Font Properties • Text Properties
Day-9	<ul style="list-style-type: none"> • CSS Properties 	<ul style="list-style-type: none"> • Border Properties • List Properties • Margin Properties • Padding Properties
Day-10	<ul style="list-style-type: none"> • Class and ID Selectors 	<ul style="list-style-type: none"> • Class and ID Selectors Introduction • About Class Selectors • ID Selectors
Day-11	<ul style="list-style-type: none"> • Pseudo selectors: 	<ul style="list-style-type: none"> • Pseudo classes • Pseudo elements
Day-12	<ul style="list-style-type: none"> • Inline Style Sheets • External Style Sheets 	<ul style="list-style-type: none"> • Inline Style Sheets • External Style Sheets

Day	Chapter	Topics
ASP.NET		
Day-13	<ul style="list-style-type: none"> ASP.NET Introduction 	<ul style="list-style-type: none"> What is Scripting Client & Server Side Scripting. Scripting Languages Introduction What is ASP? What is ASP+? What is ASP.net ASP.NET Features.
Day-14	<ul style="list-style-type: none"> ASP.NET Application Creation 	<ul style="list-style-type: none"> Creating Web Site What is Web Form Standard Controls Introduction Hyperlink, Button web Server Controls
Day-15	<ul style="list-style-type: none"> Standard Controls 	<ul style="list-style-type: none"> Label, Literal TextBox , Calendar,
Day-16	<ul style="list-style-type: none"> Standard Controls 	<ul style="list-style-type: none"> Dropdown List Listbox Checkbox List RadioButtonList Bulleted List
Day-17	<ul style="list-style-type: none"> Standard Controls 	<ul style="list-style-type: none"> View and MultiView control Adrotator Control Image and ImageMap Control.
Day-18	<ul style="list-style-type: none"> Standard Controls 	<ul style="list-style-type: none"> FileUpload control. Panel control. Placeholder control.
Day-19	<ul style="list-style-type: none"> Validation Controls 	<ul style="list-style-type: none"> Validating Form with Validation Controls of Asp.net Using RequiredFieldvalidator control Using CompareValidator Control Using RangeValidator Control Using CustomValidator control Create Server-side / Client-side functions for – CustomValidator Control

Day	Chapter	Topics
Day-20	<ul style="list-style-type: none"> Web user control Web Custom Controls 	<ul style="list-style-type: none"> Web user control Web Custom Controls
Day-21	<ul style="list-style-type: none"> Intrinsic objects 	<ul style="list-style-type: none"> About Intrinsic objects Response Request
Day-22	<ul style="list-style-type: none"> Session Management 	<ul style="list-style-type: none"> About Cookies Application object Session Object
Day-23	<ul style="list-style-type: none"> ADO.net 	<ul style="list-style-type: none"> ADO.net Introduction .NET Data Provides Sample ADO Programs
Day-24	<ul style="list-style-type: none"> SQL Introduction 	<ul style="list-style-type: none"> SQL Introduction Working on create tables, Inserting, alternating , Updating Tables, Select Commad
Day-25	<ul style="list-style-type: none"> Data Controls 	<ul style="list-style-type: none"> GridView Control
Day-26	<ul style="list-style-type: none"> GridView Control 	<ul style="list-style-type: none"> GridView Control
Day-27	<ul style="list-style-type: none"> Data Controls 	<ul style="list-style-type: none"> Data Binding with List Controls I.e. Dropdownlist, Listbox, BulletedList, Checkboxlist, RadiobuttonList controls
Day-28	<ul style="list-style-type: none"> Data Controls 	<ul style="list-style-type: none"> Detailsview and DataList controls Form view and Reater control.
Day-29	<ul style="list-style-type: none"> Internationalization 	<ul style="list-style-type: none"> Internationalization Introduction Resources Files Using Global Resource files. Using Local Resource files.
Day-30	<ul style="list-style-type: none"> Internationalization 	<ul style="list-style-type: none"> CultureInfo class Number Formatting Currency Formatting
Day-31	<ul style="list-style-type: none"> Skins and Themes 	<ul style="list-style-type: none"> About Skins and Themes Working on Default Skins. Working on Named Skins.

		<ul style="list-style-type: none"> • Scope of Themes
Day-32	<ul style="list-style-type: none"> • System.net.Mail Names 	<ul style="list-style-type: none"> • MailAttachment Class • MailMessage Class • Smtplib Class • Working on Sending E-Mail
Day-33	<ul style="list-style-type: none"> • Membership Management 	<ul style="list-style-type: none"> • Web Site Administration Tool: Users and Roles Management • Login, Loginview, Loginstate, ChangePassword, CreateUser, password Recovery Controls.
Day-34	<ul style="list-style-type: none"> • Navigation Controls 	<ul style="list-style-type: none"> • About Navigation controls • Menu control. • Treeview Control • SiteMap Path Control
Day-35	<ul style="list-style-type: none"> • Site Map File 	<ul style="list-style-type: none"> • About Web.sitemap file • Working on web.sitemap file
Day-36	<ul style="list-style-type: none"> • Master Pages 	<ul style="list-style-type: none"> • What is Master Pages. • Working on Master Pages.
Day-37	<ul style="list-style-type: none"> • Web Services 	<ul style="list-style-type: none"> • What is Web Services • Working on Web Services.
Day-38	<ul style="list-style-type: none"> • Global.asax File 	<ul style="list-style-type: none"> • What is Global.asax file • Working on Global.asax File
Day-39	<ul style="list-style-type: none"> • Web.config File 	<ul style="list-style-type: none"> • What is Web.config File • Working on Web.config File.
Day-40	<ul style="list-style-type: none"> • AJAX Extension Controls 	<ul style="list-style-type: none"> • What is AJAX. • About ScriptManager Control • About Update Panel control. • About Update Progress control.
Day-41	<ul style="list-style-type: none"> • AJAX Control Toolkit 	<ul style="list-style-type: none"> • Introducing AJAX Control Toolkit. • Working to AJAX Control Toolkit.
Day-42	<ul style="list-style-type: none"> • Deploying Application 	<ul style="list-style-type: none"> • What is Web Hosting. • About FTP • How to Deploy ASP.Net application
XML (extensible Markup Language)		

Day-43	<ul style="list-style-type: none"> • XML Basics • XML document Basics 	<ul style="list-style-type: none"> • XML Introduction • XML features • Differences between HTML & XML • About XML documents. <ul style="list-style-type: none"> • The XML declaration • The document type declaration • Processing Instructions
Day-44	<ul style="list-style-type: none"> • DTD Overview 	<ul style="list-style-type: none"> • What is DTD? • <u>The role of DTD.</u> <ol style="list-style-type: none"> 1. Element Declarations 2. Attributes Declarations. 3. Content Models 4. Entity Declarations. • Types of DTDs. <ol style="list-style-type: none"> 1. Internal DTDs. 2. External DTDs.
Day-45	<ul style="list-style-type: none"> • XML Schema Overview 	<ul style="list-style-type: none"> • What is XML Schema? • Drawbacks of DTD. • Advantages of XML Schemas. • About Simple types. • About Complex types. • About attributes. • About data types • XML Example using Schemas.