

ASP.NET C#

Course Schedule V1.0

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ASP.NET MENTORING SCHEDULE

- Day 1 to 3 - Dynamic HTML
 - Introduction to HTML
 - Advanced Tags
 - Introduction to JavaScript
 - Advanced Script scenarios & DOM
 - AJAX
 - Form Validation & Browser Design Patterns
 - Introduction to CSS
 - Advanced custom templates
- Day 4 - Web Programming & Techniques
 - Client Side Vs Server Side Vs Standalone application
 - Static Web Designing & Web Programming
 - Server Side Scripting Languages
 - Web Server
 - IIS, PWS, ASP.NET
 - HTTP, HTTPS & other protocols
- Day 5 to 7 – RDBMS
 - SQL Basics
 - Introduction, Data types, & Queries
 - Nested Queries
 - SQL Advanced
 - Stored Procedures
 - Triggers
 - Indexes
 - Joins, Unions & e.t.c
 - Functions
 - RDBMS
 - Advanced Database Concepts
 - SQL Codes (10)
 - Building Data Model
 - RDBMS scenarios
 - Normalization Vs Performance & Relationships (parent Child)

- Day 8 – XML
 - Introduction to XML
 - XML Syntax
 - XML Namespaces
 - XML Editors
 - XML Parser
 - XML CSS
 - XML XSL
 - XML Summary
- Day 9 - OOPS Concepts
- Day 9 to 10 - Intro to ASP.NET
 - Introduction to ASP.NET & Framework
 - Language Support
 - ASP.NET Page Life Cycle
 - ASP Vs ASP.NET
 - Visual Studio.NET
- Day 11 - ASP.NET
 - Application Overview
 - GAC, Assemblies
 - Configuration Overview:
 - Global.asax, Web.Config, Machine.Config
- Day 11 to 12 - Controls in ASP.NET
 - Server Controls & HTML Controls
 - User Controls
 - Validation Controls
 - Applying Styles
 - XML Readers and Writing
- Day 13 to 15 - ASP.NET Web Application
 - Designing an application
 - Application & Session State
 - Virtual Server Configurations
 - Caching & Paging

- Day 16 to 17 - ASP.NET Windows Application and services
- Day 18 to 20 - ADO.NET
 - Data Binding,
 - Data Access, Update & Customization
 - Gridviews, Panels, Place Holders, DataList & e.t.c
 - Crystal Reports Data Binding
- Day 21 - Advanced Server Controls
 - Ad Rotator, Menu controls,
 - Login Control
 - ASP.NET AJAX Server Controls
 - Custom Controls and Web Parts
- Day 22 to 24 - ASP.NET Security Model and Advanced concepts
 - ASP.NET Security Model
 - Authentication & Authorization
 - Role Based Authentication & Impersonation
 - Tracing & Debugging
 - Reflection
 - Global Assembly Cache
 - Error Handling
- Day 25 to Day 29 - Web Services, Reflection
 - Creating and Consuming Web Services
 - WCF and WPF
 - XAML Browser Application
 - Working with WPF Controls
 - Remoting
 - Secured Services
 - Intro to WWF
- Day 29 to 30 - Generic Classes, Master Pages
- Day 31 to 34 – LINQ
 - LINQ Queries
 - Standard Query operators
 - LINQ to ADO.NET

- Lambda Expressions
- Day 35 – AJAX
 - AJAX
 - AJAX Toolkit
 - JQUERY
- Day 36 to 38 – Silverlight
 - Silverlight Intro
 - XAML
 - Build Business Applications with Silverlight
 - Ria Services
- Day 39 to 40 - ASP.NET Performance, Deployment
 - ASP.NET Performance
 - Localization
- Day 41 - nUNIT Testing
- Day 42 - UML, SDLC, VSS
 - Design Patterns
 - UML
 - Waterfall model
 - Scrum and Agile Development