



Deals in: Web Development, Software Development, Technology Trainings, Domain & Hosting  
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## ADVANCED .NET

### 1.) Entity Framework

Module	Duration
❖ Entity Framework Introduction	55 Min.
❖ CRUD Operations <ul style="list-style-type: none"> <li>➤ CRUD Operations with BO Class</li> <li>➤ Stored Procedure Execution</li> </ul>	95 Min.
❖ Querying Database <ul style="list-style-type: none"> <li>➤ Entity SQL</li> <li>➤ Eager and Lazy Loading Queries</li> </ul>	55 Min.
❖ Additional Features <ul style="list-style-type: none"> <li>➤ Inheritance of Entities</li> <li>➤ Modeling Techniques</li> <li>➤ Modeling Techniques</li> </ul>	65 Min.

### 2.) Web Services + Remoting

Module	Duration
❖ Web Services <ul style="list-style-type: none"> <li>➤ Introduction to distributed programming</li> <li>➤ Developing Webservice and Client</li> <li>➤ Pass by value and pass by reference</li> <li>➤ SOAP Header</li> <li>➤ Asynchronously Calling Web Method</li> <li>➤ Securing Webservices</li> </ul>	120 Min.
❖ Remoting	60 Min.

### 3.) LINQ

Module	Duration
❖ LINQ Centric C# Language Extensions <ul style="list-style-type: none"> <li>➤ Anonymous Types</li> <li>➤ Partial Classes</li> <li>➤ Extension Methods</li> </ul>	70 Min.
❖ LINQ Architecture	18 Min.



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❖ LINQ Queries <ul style="list-style-type: none"> <li>➤ Linq Queries Syntax</li> <li>➤ Lambda Expressions</li> <li>➤ Linq Queries over Custom Collections</li> </ul>	60 Min.
❖ LINQ to SQL <ul style="list-style-type: none"> <li>➤ Performing CRUD Operations</li> <li>➤ Delay Loading</li> <li>➤ Dealing with Concurrency Issues</li> <li>➤ Linq and Stored Procedure</li> <li>➤ Transaction Handling</li> </ul>	235 Min.
❖ LINQ to Data Set	20 Min.
❖ LINQ to XML	30 Min.

#### 4.) ASP.NET MVC 4.0

Module	Duration
❖ Introduction to ASP.Net MVC	70 Min.
❖ Exploring Controllers	190 Min.
❖ Exploring Razor Views	60 Min.
❖ Digging into HTML Helper Methods	100 Min.
❖ Understand Model Binders	70 Min.
❖ Validations & Annotations	60 Min.
❖ Using Entity Framework	60 Min.
❖ Authentication & Authorization	80 Min.
❖ URL Routing	30 Min.
❖ Working with Areas	20 Min.
❖ JQuery & AJAX	60 Min.
❖ Bundling & Minification	30 Min.
❖ Mobile Compatibility	30 Min.
❖ Web API	60 Min.



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### 5.) WCF

Module	Duration
❖ Introduction to WCF	25 Min.
❖ Developing WCF Service Application & Client	45 Min.
❖ Endpoints in Configuration File	55 Min.
❖ Channel Stacks & Bindings in WCF	35 Min.
❖ Understanding Service and Data Contracts	90 Min.
❖ Handling WCF Exceptions	30 Min.
❖ Message Exchange Patterns	50 Min.
❖ Transactions in WCF	65 Min.
❖ MSMQ – Microsoft Message Queue	40 Min.
❖ Securities in WCF	120 Min.

### 6.) Silverlight

Module	Duration
❖ Introduction to Silverlight	55 Min.
❖ Printing using Silverlight	20 Min.
❖ Interaction with Silverlight and Javascript	30 Min.
❖ Out of Browser Support	55 Min.
❖ Isolated Storage	30 Min.
❖ Handling Events & Drag and Drop	30 Min.
❖ Configure Silverlight Plugin	30 Min.
❖ Silverlight Splash Screen	15 Min.
❖ Localization & Globalization	30 Min.