Section	Beginner		
	Skip	Cursory	Must
PART -1 (1 DAYS)			
Introduction to .Net			
Introduction to .NET Framework.			
Architecture.			
.NET VersionsNET Framework Components		_	
https://www.udemy.com/course/csharp-tutorial-for-beginners/learn/lecture/213	 	rview	
https://docs.microsoft.com/en-us/dotnet/framework/get-started/overview	0091 4#UVC	<u> TVIEW</u>	
Contact Session			
PART -2 (3 DAYS)			
C # Language Syntax			
Why Datatypes.			
Global, Stack and Heap Memory.			
Common Type System.			
Reference Type and Value Type. Datatypes & Variables Declaration.			
Implicit and Explicit Casting.			
Casting between other datatypes.			
Boxing and Unboxing.			
Enum and Constant.	_	_	_
Operators.			✓
Control Statements.			
Working with Arrays.			
Working with Methods. Pass by value and by reference and out parameters.			
Exception Handling.			
IO Streams.			
Naming Conventions and Coding Standards-Sonar Qube			
.NET core Dubbing			
Misc			
https://www.udemy.com/course/csharp-tutorial-for-beginners/learn/lecture/215	8914#ove	erview	
Contact Session PART -3 (4 DAYS)			
OOPs-Concept			
Learning about Class.			
Object.			
Object Creation.			
Instantiation.			
Encapsulation.			
Abstraction.			
Inheritance.			✓
Polymorphism. Interface.		_	
Delegates & Events.			
Collections and Generics.			
Reflection and Attributes.			
https://www.udemy.com/course/csharp-intermediate-classes-interface	es-and-oo	p/learn/le	cture/220
Contact Session			
PART -4 (2 DAYS)			
Introduction to MVC			

MVC Architecture Understand the MVC design pattern and how it's applied in ASP.NET MVC Understanding Model Understanding View Understanding Controller			
Contact Session			
PART -5(1 DAYS)			
First MVC Application			
First MVC Application Visual Studio IDE Multilayered Architecture			✓
/docs.microsoft.com/en-us/aspnet/mvc/overview/getting-started/intro	oduction/	getting-st	arted
Contact Session			
PART -6(3 DAYS)			
Exploring Controllers			
Controller Viewdata & Tempdata & ViewBag Controller Action Methods Controller Action Filters Controller Action Custom Filters State management and session management			~
https://www.udemy.com/course/csharp-tutorial-for-beginners/learn/lecture/			
https://docs.microsoft.com/en-us/aspnet/mvc/overview/getting-started/intro	oduction/a	idding-a-co	<u>ontroller</u>
Contact Session			
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PART -7(1 DAYS)			
Exploring Razor Views			
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Exploring Razor Views View Razor Syntax View Layouts View PartialViews View Tighly Coupled Model https://www.udemy.com/course/csharp-tutorial-for-beginners/learn/lear			
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Exploring Razor Views View Razor Syntax View Layouts View PartialViews View Tighly Coupled Model https://www.udemy.com/course/csharp-tutorial-for-beginners/learn/leantleantleantleantleantleantleantleant	ed/introdu	ction/add	ling-a-view
View Razor Syntax View Layouts View PartialViews View Tighly Coupled Model https://www.udemy.com/course/csharp-tutorial-for-beginners/learn/leanthtps://docs.microsoft.com/en-us/aspnet/mvc/overview/getting-startecontact Session PART -8(2 DAYS) Digging into HTMLHelper Methods Html Helpers Html Helper Model Binding Html Helper Display and Editors Methods Html Helper Viewdata Binding Html Helper Custom Templates Html Helper Reusing Helpers	ed/introdu	ction/add	ling-a-view
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Default model Binder Complex Type Model Binding Form Collection Model Binding Http Posted File			
Contact Session			
PART -10(1 DAYS)			
Validation and Annotations			
Model Validation Unobtrusive Client Validations Metadata Validation			
https://docs.microsoft.com/en-us/aspnet/mvc/overview/older-version	ıs/mvc-mı	<u>usic-store</u>	<u>/mvc-mus</u>
Contact Session			
PART -11(3 DAYS)			
Designing And Implementing Databases With SQL SERVER			
Introduction to ADO.NET Creating Tables and Relationships SQL Fundamentals Insert, Update, Delete, Select commands Stored Procedures			
https://docs.microsoft.com/en-us/sql/sql-server/?view=sqlallproducts	-allversior	<u>1S</u>	
Contact Session			
PART -12(2 DAYS)			
Using Entity Framework			
MVC and EF Crud Operations			
https://www.udemy.com/course/csharp-tutorial-for-beginners/learn/lehttps://docs.microsoft.com/en-us/aspnet/mvc/overview/getting-starte			
Contact Session			
PART -13(4 DAYS)			
Authentication and Authorization			
Windows Authentication Forms Authentication Role Based Authentication Anti Forgery Token			
https://docs.microsoft.com/en-us/aspnet/mvc/overview/security/			
Contact Session			
PART -14(1 DAYS)			
URL Routing			
URL Routing			
https://docs.microsoft.com/en-us/aspnet/mvc/videos/mvc-2/how-do-	<u>i/an-introd</u>	<u>luction-to</u>	<u>-url-routin</u>
Contact Session			
PART -15(1 DAYS)			
Working with Areas			

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Working with Areas			
https://docs.microsoft.com/en-us/aspnet/mvc/videos/mvc-2/how-do-	<u>i/aspnet-</u> i	<u>nvc-2-area</u>	<u>as</u>
Contact Session			
PART -16(1 DAYS)			
USING AJAX AND JQUERY WITH ASP.NET MVC			
Overview of AJAX and ASP.NET MVC			
Unobtrusive AJAX Using AJAX Action Links		_	_
Overview of jQuery			\checkmark
jQuery Techniques			
Using jQuery UI			
https://docs.microsoft.com/en-us/aspnet/ajax/			
Contact Session			
PART -17(6 DAYS)			
TASK: Create an Application in MVC with complete source code			
Please create a POC by using following topics:			
Creating strongly-typed views Understanding URLs controller and action methods			
Using HTML helpers			\checkmark
Handling form post-backs			
Data validation.			
Entity framework.			
Contact Session			
PART -18(2 DAYS)			
Web API			
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Web API			
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