

Week	Day	Date	Module	Topics	Duration
Week 1	Day 1	2/16/2026	HTML5	Introduction, Getting Started, Elements & Attributes, Tables and lists	8
	Day 2	2/17/2026	HTML5	Navigation, Web Forms 2.0	8
	Day 3	2/18/2026	CSS3	Introduction to CSS3, Styling Text and Fonts, Box Model Basics, Colors, Backgrounds, and Borders, Layout with CSS, Selectors Advanced Concepts like Media Queries and RWD	8
	Day 4	2/19/2026	JavaScript	Introduction to JavaScript, JavaScript Basics and Control Flow	8
	Day 5	2/20/2026	JavaScript	Functions and Scope Objects and the Document Object Model (DOM)	4
	Day 5	2/20/2026	Interview prep hands-on session	Interview Preparation (Labs, Mock	4
	Weekly Assessment: Prism				
Week 2	Day 6	2/23/2026	Javascript (Contd) + HTML5 (Programming API)	Events HTML API's	8
	Day 7	2/24/2026	HTML5 (Programming API)+ JavaScript	Web Storage Web SQL Database Geo location + Arrays and Array Methods Asynchronous JavaScript	8
	Day 8	2/25/2026	JavaScript	JavaScript ES6+ Features JavaScript in Web Development	8

	Day 9	2/26/2026	Javascript+ Bootstrap	Debugging and Testing JavaScript Introduction to JavaScript Frameworks and Libraries + Introduction to Bootstrap 5 Bootstrap Grid System Bootstrap Components	8
	Day 10	2/27/2026	Bootstrap	Bootstrap Utilities and Helpers Advanced Bootstrap 5 Features	4
	Day 10	2/27/2026	Interview prep hands-on session	Interview Preparation (Labs, Mock)	4
	Weekly Assessment: Prism				
Week 3	Day 11	3/2/2026	Jquery	Introduction to jQuery and its	8
	Day 12	3/3/2026	ANSI SQL using MSSQL Server	Overview of ANSI SQL Introduction to Database Design Data Modelling Process Database Design Design Considerations Data Types	8
	Day 13	3/4/2026	ANSI SQL using SQL Server	Constraints Querying data Sorting data Filtering data Joining tables Grouping data	8
	Day 14	3/5/2026	ANSI SQL using SQL Server	Subquery Set Operators Modifying data Expressions	8

	Day 15	3/6/2026	Advanced SQL	Getting Started Advanced Concepts Views and Indexes	8
	Day 15	3/6/2026	Interview prep hands-on session	Interview Preparation (Labs,Mock	4
	Weekly Assessment: Prism				
	Skill Assessment(iMocha)				
Week 4	Day 16	3/9/2026	Advanced SQL	Stored Procedures and User-Defined Functions Triggers and Cursors	8
	Day 17	3/10/2026	Advanced SQL + Introduction to .NET 8 and C# 12	Exception Handling Transactions + ' .Net Framework Assemblies and Global Assembly Cache (GAC) Visual Studio features	8
	Day 18	3/11/2026	C# 12	Introduction to C# and .NET 8 C# Syntax and Basic Constructs Control Flow Statements	8
	Day 19	3/12/2026	C# 12	Functions and Methods Introduction to OOP Concepts	8
	Day 20	3/13/2026	C# 12	Encapsulation and Properties	4
	Day 20	3/13/2026	Interview prep hands-on session	Interview Preparation (Labs,Mock	4
	Weekly Assessment: Prism				
	Mini Sequential Project 1				
Week 5	Day 21	3/16/2026	C# 12	Inheritance and Polymorphism	8
	Day 22	3/17/2026	C# 12	Records and Structs Exception Handling	8

	Day 23	3/18/2026	C# 12	Nullable Types and Null Safety Collections and LINQ	8
	Day 24	3/19/2026	C# 12	Tuples and Pattern Matching Enhancements File Handling and I/O Operations Multi-Threading	8
	Day 25	3/20/2026	C# 12	Asynchronous Programming with Async/Await Debugging and Tracing	4
	Day 25	3/20/2026	Interview prep hands-on session	Interview Preparation (Labs,Mock	4
	Weekly Assessment: Prism				
Week 6	Day 26	3/23/2026	C# 12	Secure Coding	8
	Day 27	3/24/2026	C# 12	SOLID Principles and Design patterns	8
	Day 28	3/25/2026	Code Quality and standards	Coding Standards Performance Code Reviews	8
	Day 29	3/26/2026	ASP.Net Core 8.0	Introduction to ASP.NET Core 8 Creating a New ASP.NET Core Project Understanding MVC Architecture	8
	Day 30	3/27/2026	Asp.Net Core 8.0	Working with Models Building Controllers	4
	Day 30	3/27/2026	Interview prep hands-on session	Interview Preparation (Labs,Mock	4
	Weekly Assessment: Prism				
Skill Assessment(iMocha)					
Week 7	Day 31	3/30/2026	Asp.Net Core 8.0	Designing Views in ASP.NET	8

	Day 32	3/31/2026	ASP.Net Core 8.0	Working with Forms and User Input State Management Integrating EF Core 8 with ASP.NET Core	8
	Day 33	4/1/2026	ASP.Net Core 8.0	Dependency Injection (DI) in ASP.NET Core Publishing and Deployment	8
	Day 34	4/2/2026	Entity Framework 8.0	Overview of EF Core 8 and .NET 8 Integration Setting up EF Core in a .NET 8 Project Creating a Simple Database Model Performing Basic CRUD Operations	8
	Day 35	4/3/2026	Entity Framework 8.0	LINQ Queries in EF Core 8 EF Core Migrations and Database Updates Handling Relationships and Data Loading Performance Optimizations and Best Practices	4
	Day 35	4/3/2026	Interview prep hands-on session	Interview Preparation (Labs,Mock	4
	Weekly Assessment: Prism				
	Mini Sequential Project 2				
Week 8	Buffer Week - Mock Interview preparation,Assignments completion,Backlogs				
Week 9	Day 41	4/13/2026	Dapper	Getting Started with Dapper	8

	Day 42	4/14/2026	Dapper	Using Parameters with Dapper Using Relationships with Dapper Bulk Operations with Dapper	8
	Day 43	4/15/2026	ASP.NET Core 8 Web API	Introduction to Web APIs and ASP.NET Core Building RESTful APIs with ASP.NET Core	8
	Day 44	4/16/2026	ASP.NET Core 8 Web API	Data Access and Integration API Security	8
	Day 45	4/17/2026	ASP.NET Core 8 Web API	Exception handling and logging	4
	Day 45	4/17/2026	Interview prep hands-on session	Interview Preparation (Labs,Mock	4
	Weekly Assessment: Prism				
Week 10	Day 46	4/20/2026	ASP.NET Core 8 Web API	Advanced API Features	8
	Day 47	4/21/2026	ASP.NET Core 8 Web API + Microservices	Performance & Optimization Introduction to Microservices	8
	Day 48	4/22/2026	Microservices	Microservice Communication and Data Management	8
	Day 49	4/23/2026	Microservices	Security, Monitoring, and Deployment	8
	Day 50	4/24/2026	Nunit and Moq	Getting Started Fundamentals of Unit Testing Core Unit Testing Techniques	4
	Day 50	4/24/2026	Interview prep hands-on session	Interview Preparation (Labs,Mock	4

Weekly Assessment: Prism					
Skill Assessment(iMocha)					
Week 11	Day 51	4/27/2026	Nunit and Moq + Code	Overview of Code Analysis	8
	Day 52	4/28/2026	Code Analysis and Logging	Introduction to Logging in .NET 8 Configuring Logging in .NET 8 Logging Levels and Categories Logging in Controllers and Services Log Filtering and Configuration Introduction to log4net Basic Logging with log4net	8
	Day 53	4/29/2026	Application debugging	Overview of Web API Debugging Debugging in Visual Studio Handling Exceptions Using Postman for API Testing Debugging API Calls with Postman Advanced Debugging Techniques	8
	Day 54	4/30/2026	Angular(v16) - Session 1	Introduction to Angular and Setting Up Environment Introduction to Node.js Core Node.js Modules Asynchronous Programming Basics	8

	Day 55	5/1/2026	Angular(v16) - Session 2	TypeScript Essentials for Angular Functions & Arrow Functions Interfaces & Type Aliases Classes & OOP Concepts	4
	Day 55	5/1/2026	Interview prep hands-on session	Interview Preparation (Labs,Mock	4
	Weekly Assessment: Prism				
Week 12	Day 56	5/4/2026	Angular(v16) - Session 3	Generics	8
	Day 57	5/5/2026	Angular(v16) - Session 4	Directives and Pipes Angular Forms	8
	Day 58	5/6/2026	Angular(v16) - Session 5	Dependency Injection and Services Angular Routing and Navigation	8
	Day 59	5/7/2026	Angular(v16) - Session 6	Router Features HTTP Client and APIs	8
	Day 60	5/8/2026	Angular(v16) - Session 7	State Management in Angular	4
	Day 60	5/8/2026	Interview prep hands-on session	Interview Preparation (Labs,Mock	4
	Weekly Assessment: Prism				
	Mini Sequential Project 3				
	Skill Assessment(iMocha)				
Week 13	Day 61	5/11/2026	Angular(v16) - Session 8	Reactive Programming with RxJS	8
	Day 62	5/12/2026	Application Debugging - Front-end - Session 1	Debugging Angular Applications with Chrome DevTools Debugging with Visual Studio Code	8

	Day 63	5/13/2026	Agile methodology	Introduction to Agile Agile Manifesto Scrum Framework Agile Estimation and Planning Agile User Stories Agile Metrics and Reporting SDLC vs Agile	8
	Day 64	5/14/2026	Git and Github	Overview of Git and Git Rebase Set up and Create a Git Repository CRUD Operations on Git Overview of GitHub Set up and Configure GitHub Account	8
	Day 65	5/15/2026	Docker Basics	Introduction Docker Commands Docker Run Docker Images Docker Compose	4
	Day 65	5/15/2026	Interview prep hands-on session	Interview Preparation (Labs, Mock	4
	Weekly Assessment: Prism				
Week 14	Day 66	5/18/2026	Docker basics + Azure	Docker Registry	8
	Day 67	5/19/2026	Azure fundamentals	Azure Basic Concepts Azure Compute Azure Networking Data in Azure	8
	Day 68	5/20/2026	Azure fundamentals + Azure DevOps	Messaging in Azure Azure Active Directory + Introduction to Azure DevOps Azure Repos	8

	Day 69	5/21/2026	Azure DevOps	Azure Boards Azure Pipelines Basics Advanced Azure Pipelines	8
	Day 70	5/22/2026	Azure DevOps	Azure Release Pipelines Azure Test Plans	4
	Day 70	5/22/2026	Interview prep hands-on session	Interview Preparation (Labs,Mock	4
	Weekly Assessment: Prism				
	Skill Assessment(iMocha)				
Week 15	Day 71	5/25/2026	Capstone Mentorship		8
	Day 72	5/26/2026	Capstone Mentorship		8
Final Evaluation					