

Introduction to Angular 20 Essentials (TT4165)

Price: 1995

Duration: 3 days

Delivery Methods: Virtual

Overview

About this Course

Geared for experienced web developers, our Mastering Angular 18 Boot Camp is a five-day, comprehensive hands-on program that explores the latest features and benefits Angular has to offer. Throughout the course you'll learn the practical "real-world" foundational and advanced Angular skills required to solve the usual challenges you might face when developing modern web applications with JavaScript.

Kicking off with an in-depth introduction to Angular CLI and TypeScript, the course propels you into the world of component-driven development, touching on vital topics like data-binding, directives, and services. As you advance through the curriculum, you'll explore SPA routing, the RxJS library, forms, and unit testing, along with HTTP/REST protocols for server interaction.

By the end of this course, you'll have built a comprehensive application that brings together all these elements: website structuring through components, dynamic interactivity via directives, and custom pipes for content refinement. You'll know how to employ reactive forms for active user engagement and SPA routing for fluid navigation, fortified by efficient data management through services. All of this is underscored by a strong emphasis on unit testing, as well as practical REST API interactions for modern server communication.

You'll leave the course equipped to construct robust, scalable, and feature-rich web applications using Angular 18, able to implement seamless user experiences, integrate with various data

sources through REST APIs, and employ best practices in unit testing for sustainable, high-quality code.

Audience Profile

The content is appropriate for experienced web developers new to Angular. In order to be successful in the course, you should have solid, current hands-on experience developing basic web applications, and be well versed in HTML5, CSS3 and JavaScript.

At Course Completion

The lab intensive course includes plenty of hands-on lab work designed to immerse you in the skills required to get you up and running with Angular right away. The course is rich with hands-on activities, challenge labs, knowledge checks, valuable discussions and focused projects.

Build Powerful Components: Master creating and organizing Angular components, leveraging dependency injection and lifecycle hooks for scalable apps.

Harness TypeScript's Power: Become proficient in TypeScript, using its advanced features like classes, interfaces, and decorators to supercharge your Angular development.

Create Dynamic, Reactive Forms: Learn to build complex forms with Angular's reactive approach, ensuring seamless validation and user interaction.

Connect with RESTful Services: Integrate Angular apps with RESTful services using HttpClient, and handle asynchronous data streams with RxJS for efficient server communication.

Optimize with CLI and DevTools: Use Angular CLI for easy project setup and deployment, and harness DevTools for debugging and optimizing your applications.

Master SPA Navigation: Implement smooth and efficient Single Page Application (SPA) routing with nested routes and route guards for a top-notch user experience.

Utilize Third-Party Libraries: Learn to effectively integrate and manage third-party libraries within Angular to extend functionality and streamline development.

Implement Effective Testing: Gain skills in using tools like Jest and Web Test Runner for unit testing, ensuring your Angular applications are robust and error-free.

Course Schedule

Date	Time	Price	Options
06/22/2026	09:00 AM - 05:00 PM CT	1,995.00	<u>Buy Now</u> <u>Enroll</u>

Date	Time	Price	Options
08/10/2026	09:00 AM - 05:00 PM CT	1,995.00	Buy Now Enroll

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FAQ

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Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to info@toptalentlearning.com to avoid rescheduling penalties.

How do I enroll for this class?

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What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.