

Angular

Our **Angular Training Course** is intended for front-end developers who are familiar with Javascript and want to master Angular to move a gear up. Angular is the leading framework for building dynamic JavaScript applications that take advantage of the capabilities of modern browsers and devices. The course is updated for Angular4+ .

Prerequisites

[JavaScript](#)

Further training

[Node.JS](#)

[MEAN Stack](#)

[Ionic](#)

Intended Audience

Front end developers who found that JavaScript is inadequate to develop a rich, fully-fledged front-end. Our Angular Training Course starts with the MVC pattern and the many benefits that can be gained from separating your logic and presentation code. We then start from the nuts-and-bolts and building up to the most advanced and sophisticated features Angular, going in-depth to

Course material:

DAY 1

Getting Started

- Plunker
- Intro to TypeScript .
- Writing our first app.

- String Interpolation
- Looping
- Property & Event Binding
- Domain Model
- Nesting Components & Inputs .
- User Interaction & Outputs
- ES6 JavaScript & TypeScript Overview

DAY 2

Angular CLI

Components

- Architecting with Components
- Templates, Styles & View Encapsulation
- Content Projection
- Lifecycle Hooks
- ViewChildren & ContentChildren

Built-in Directives

- NgIf & NgSwitch.
- NgStyle & NgClass .
- NgNonBindable
- Structural Directives.

DAY 3

Custom Directives

- HostListener & HostBinding
- Inputs & Configuration

Reactive Programming with RxJS

- Streams & Reactive Programming
- Observables & RxJS .
- RxJS & Angular

Pipes

- Built-in Pipes
- Async Pipe .
- Custom Pipes

DAY 4

Forms

- Model Driven Forms
- Model Driven Form Validation
- Submitting & Resetting
- Reactive Model Form
- Template Driven Forms

Dependency Injection & Providers.

- Injectors
- Provider
- Tokens
- Configuring Dependency Injection in Angular
- `NgModule.providers` vs `Component.providers` vs `Component.viewProviders`

DAY 5

HTTP

- Core HTTP API
- HTTP Example with Promises .
- HTTP Example with Observables
- JSONP Example with Observables.

Routing

- Route Configuration . .
- Navigation.
- Parameterised Routes
- Nested Routes .
- Router Guards
- Routing Strategies

Unit Testing Overview

Duration and pricing

In [Pricing Group A](#)

Certificate

- Upon completion of this course we will issue you with attendance certificate to certify your attendance and / or completion of the prescribed minimum examples.
- You may sit for our competency assessment test and on passing you will obtain our competency certificate.
- Our competency assessment can be booked and taken by someone who has not attended the course at a cost of R2950.

Bookings

You can download the course registration form on our home page or by clicking [here](#)

Brochure

You may download a pdf copy of this page by clicking on the pdf icon at the top of the page.

Questions

Please [email us](#)

Schedule

On the calendar below. If your browser doesn't display the calendar below, please click on [this link](#) or try using [Google Chrome](#), alternatively please enquire via our [Contact Us](#) page.