

Section 1: Getting Started 8 / 8   32min	~
Section 2: Angular Essentials - Components, Templates, Services & More 40 / 55   4hr 47min	~
Section 3: Angular Essentials - Working with Modules 9 / 9   39min	~
Section 4: Angular Essentials - Time To Practice 3 / 17   1hr 37min	~
Section 5: Debugging Angular Apps 4 / 4   16min	~
Section 6: Components & Templates - Deep Dive 53 / 53   4hr 16min	~
Section 7: Enhancing Elements with Directives - Deep Dive	~
Section 8: Transforming Values with Pipes - Deep Dive	^
☐ 160. Module Introduction  ☐ 1min	
☐ 161. Making Sense of Pipes	
3min	<b>≅</b> Resources ∨

162. Using Built-in Pipes  3min	
163. More Built-in Pipes Examples  4min	
164. Building a First Custom Pipe  6min	
165. Using Custom Pipes to Perform Custom Transformations  4min	
166. Accepting Parameters in Custom Pipes	
167. Chaining Pipes & Being Aware of Limitations  ▶ 5min	
168. Building a Pipe That Sorts Items  ▶ 7min	
169. Understanding How Pipes Are Executed	
▶ 4min	Resources >
170. Pure & Impure Pipes	
▶ 2min	
171. Pipe Limitations & When Not To Use Them	
<b>∑</b> 3min	
ction 9: Understanding Services & Dependency Injection - Deep Dive 8   1hr 29min	^
172. Module Introduction  1 1min	

173. The Starting Project & The Need For A Centralized Service  3min
174. Creating a Service  7min
175. How NOT To Provide A Service  ≥ 2min
176. Using Angular's Dependency Injection Mechanism  5min
177. Using The Alternative Dependency Injection Syntax  5min
178. Outsourcing & Reusing Logic with Services  178. 11min
179. Angular Has Multiple Injectors!  179. 4min
180. There Are Multiple Ways Of Providing a Service  4min
181. Providing Services via the Element Injector  ▶ 3min
182. Understanding the Element Injector's Behavior  4min
183. Injecting Services Into Services  ▶ 5min
184. Analyzing Dependency Injection with the Angular DevTools  2min
185. Using Custom DI Tokens & Providers  ▶ 8min



186. Preparing A Non-Class Value For Injection	
187. Injecting Other Values (NOT Services)  ▶ 10min	
188. Angular Modules (NgModule) & Dependency Injection	
<b>▶</b> 3min	<b>►</b> Resources ∨
189. Working with Services Without Using Signals	
▶ 2min	<b>►</b> Resources ∨
ction 10: Making Sense of Change Detection - Deep Dive	^
190. Module Introduction	
<b>▶</b> 2min	<b>►</b> Resources ∨
191. Analyzing the Starting Project	
<b>▶</b> 2min	Resources >
192. Understanding How Angular Performs Change Detection  5min	
193. Change Detection During Development: ExpressionChangedAfterChecked Errors  3min	
194. Writing Efficient Template Bindings  194. Imin	
195. Avoiding Zone Pollution  195. Smin	
196. Using the OnPush Strategy  ▶ 3min	
197. Understanding the OnPush Strategy	

<b>▶</b> 9min	
198. Working with OnPush & Signals  2min	
199. Using Signals for Sharing Data Across Components (with OnPush)	
▶ 4min	Resources >
200. The Problem With OnPush, Cross-Component Data & Not Using Signals  3min	
201. Triggering Change Detection Manually & Using RxJS Subjects  11min	
202. Introducing The async Pipe  5min	
203. Going Zoneless!	
<b>▶</b> 13min	
ction 11: Working with RxJS (Observables) - Deep Dive	^
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0   52min	^
204. Module Introduction	^
204. Module Introduction  Imin	^
204. Module Introduction  Imin  205. What Are Observables & What Is RxJS?	^
204. Module Introduction  Inin  205. What Are Observables & What Is RxJS?  Imin	Resources V
204. Module Introduction  1min  205. What Are Observables & What Is RxJS?  1min  206. Creating & Using an Observable	
204. Module Introduction  1min  205. What Are Observables & What Is RxJS?  1min  206. Creating & Using an Observable  9min	
204. Module Introduction  In Imin  205. What Are Observables & What Is RxJS?  Imin  206. Creating & Using an Observable  9min  207. Working with RxJS Operators	

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209. Signals vs Observables  ▶ 6min	
210. Converting Signals To Observables  4min	
211. Converting Observables To Signals  5min	
212. Deep Dive: Creating & Using A Custom Observable From Scratch  12min	
213. Module Summary  ▶ 3min	
ction 12: Sending HTTP Requests & Handling Responses 3   1hr 45min	^
214. Module Introduction  1min	
215. The Starting Projects: Frontend & Backend	
<b>▶</b> 5min	<b>≅</b> Resources ∨
216. How To Connect Angular Apps To A Backend  1 4min	
217. Optional: HTTP Essentials  1 min	
218. Getting Started with Angular's Http Client  4min	
219. Providing the HttpClient when using NgModules  1 1min	
220. Sending a GET Request To Fetch Data	

Ш	221. Configuring Http Requests  1 4min	
	222. Transforming & Using Response Data  3min	
	223. Showing a Loading Fallback  3min	
	224. Handling HTTP Errors  11min	
	225. Sending Data To A Backend  7min	
	226. More Data Fetching & Some Code Duplication  5min	
	227. Outsourcing HTTP Request Logic Into A Service  9min	
	228. Managing HTTP-loaded Data via a Service  5min	
	229. Implementing Optimistic Updating  3min	
	230. Potential Problems Introduced by Optimistic Updating  2min	
	231. Improved Optimistic Updating  5min	
	232. Implementing App-wide Error Management  7min	<b>►</b> Resources ∨
	233. Practice: Sending DELETE Requests  • 8min	_

Ш	234. Introducing HTTP Interceptors  P 7min	
	235. Optional: Class-based Interceptors  1 min	
	236. Introducing HTTP Response Interceptors  3min	
	etion 13: Handling User Input & Working with Forms (Template-driven & Reactive) 5   2hr 15min	^
	237. Module Introduction	
	▶ 2min	<b>►</b> Resources ∨
	238. Template-driven vs Reactive Forms  3min	
	239. Template-driven: Registering Form Controls  6min	
	240. Getting Access to the Angular-managed Form  9min	
	241. Extracting User Input Values  3min	
	242. Validating Input with Form Validation Directives  6min	
	243. Using the Form Validation Status To Provide User Feedback  8 min	
	244. Adding Validation Styles	
	<b>▶</b> 5min	Resources >

245. Interacting With The Underlying Form Object In The Component  13min	
246. Updating Form Values Programmatically  5min	
247. Reactive Forms: Getting Started  □ 5min	<b>■</b> Resources ∨
248. Syncing Reactive Form Definition & Template  4min	Resources V
249. Handling Form Submission (Reactive Forms)  3min	
250. Adding Validators To Reactive Forms  Primin	
251. Building Custom Validators	
<b>▶</b> 5min	Resources >
252. Creating & Using Async Validators  4min	
253. Interacting with the Form Programmatically  9min	
254. Exercise: Problem	
<b>▶</b> 2min	Resources >
255. Exercise: Solution  5min	
256. Connecting & Registering Inputs For A Complex Form  9min	

257. Working with Nested Form Groups  5min	
258. Working with Form Arrays  5min	
259. Practice: Adding More Validation  1 4min	
260. Creating Multi-Input Validators / Form Group Validators  Smin	Resources >
261. Module Summary  2min	
ction 14: Routing & Building Multi-page Single Page Applications 85   2hr 29min	^
262. Module Introduction  2min	Resources >
	Resources >
263. What Is Routing?	Resources >
≥ 2min  263. What Is Routing?  ⇒ 3min  264. Enabling Routing & Adding a First Route	Resources V
<ul> <li>≥ 2min</li> <li>263. What Is Routing?</li> <li>≥ 3min</li> <li>264. Enabling Routing &amp; Adding a First Route</li> <li>≥ 6min</li> <li>265. Rendering Routes</li> </ul>	Resources >

268. Styling Active Navigation Links  ▶ 3min	
269. Setting Up & Navigating To Dynamic Routes  7min	
270. Extracting Dynamic Route Parameters via Inputs  6min	
271. Extracting Dynamic Route Parameters via @Input()  1 min	
272. Extracting Dynamic Route Parameters via Observables  8min	
273. Working with Nested Routes  6min	
274. Route Links & Relative Links  3min	
275. Accessing Parent Route Data From Inside Nested Routes  5min	
276. Loading Data Based On Route Parameters In Child Routes  2min	
277. Link Shortcuts & Programmatic Navigation  Tmin	
278. Adding A "Not Found" Route  ▶ 2min	<b>□</b> Resources ∨
279. Redirecting Users  ▶ 5min	
280. Splitting Route Definitions Across Multiple Files  3min	

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281. Activated Route vs Activated Route Snapshot  1 4min	
282. Setting Query Parameters  • 6min	
283. Extracting Query Parameters via Inputs  3min	
284. Extracting Query Parameters via Observables  3min	
285. Using Query Parameters For Data Manipulation  1 4min	
286. Adding Static Data To Routes  5min	
287. Resolving Route-related Dynamic Data  11min	
288. Optional: Class-based Resolvers  1min	
289. Accessing Route Data In Components  3min	
290. Controlling Route Resolver Execution  3min	<b>►</b> Resources ∨
291. Setting & Resolving Titles  4min	
292. Introducing Route Guards  9min	
293. Optional: Class-based Guards  1min	

