

Appcelerator University (AppU)

Lesson Syllabus - Level 100



Welcome to Titanium

Duration: 1 hour

Get acquainted with the Titanium platform from Appcelerator. In this lesson, you will learn about the capabilities and architecture of the Titanium Platform for both desktop and mobile. You will also learn about the resources and services available from Appcelerator to assist your application development. This is the place to start if you're interested in learning about Titanium.

In this lesson, you will:

- Gain an understanding of the Titanium solution
- Understand of the high-level architecture of a Titanium application
- Survey of the capabilities of Titanium for desktop and mobile
- Explore the resources and services available from Appcelerator

Preparing For Mobile Development

Duration: < 1 hour

For development on mobile devices, there are some third party software requirements that need to be addressed before you can begin. This lesson will walk you through that process.

In this lesson, you will:

- Learn the system requirements and version restrictions for third party mobile SDKs
- Download and install the necessary software for mobile development

Getting Started and the Development Workflow

Duration: 1 hour

In this lesson, you will create and run your first Titanium application for desktop and/or mobile. You'll learn about the tools available to you to develop Titanium applications, and the key processes and techniques you will need to develop for your target platforms.

In this lesson, you will:

- Create and run your first Titanium application
- Learn about the Titanium Developer and other development tools
- Explore the anatomy of a Titanium project
- Learn how to use mobile device emulators and tools
- Learn how to edit and debug Titanium projects

Packaging for Distribution

Duration: 1-2 hours

In this lesson, you will package and deploy your awesome Titanium application for deployment to an end user or tester. You will learn about how to interact with mobile application stores and Appcelerator cloud services for desktop. This is the last stop before your app starts flying off the shelves (virtual shelves, of course).

In this lesson, you will:

- Create a final application binary for installation
- Learn how to distribute iPhone apps for testing
- Learn how to deploy an application to the Apple App Store
- Learn how to upload an app to the Android Marketplace
- Use Appcelerator cloud services to distribute desktop apps
- Update your desktop app remotely
- Brand your desktop app installer