



JAVA TRAINING

Java Fundamentals Android Development

Master Java fundamentals to build powerful Android applications. Launch your career in mobile development with practical skills.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This "Java Fundamentals Android Development" course at Computer Pride provides a solid intermediate foundation in Java programming specifically tailored for building robust Android applications. Participants will delve into essential Java concepts, object-oriented programming principles, and the core libraries crucial for mobile development. The curriculum is designed to bridge the gap between theoretical Java knowledge and its practical application within the Android ecosystem, making it ideal for those with some prior programming exposure looking to specialize.

By completing this concise yet impactful course, you will gain the fundamental skills to understand and write Java code that powers Android apps. You'll learn to set up your development environment, comprehend basic Android project structure, and begin building simple user interfaces. This foundational knowledge is invaluable for aspiring Android developers looking to kickstart their journey into one of the world's most popular mobile platforms, enhancing your problem-solving abilities and opening doors to a dynamic career in mobile technology.

Duration	2 hours
Level	Intermediate
Vendor	Java

COURSE CURRICULUM

01 Module 1: Setting the Stage for Android with Java

- Introduction to Android Development Landscape
- Why Java for Android?
- Overview of the Android Studio IDE
- Setting up your first Android Project

02 Module 2: Java Essentials for Android

- Key Java Data Types and Variables
- Control Flow Statements (If/Else, Loops)
- Understanding Classes and Objects (Introduction to OOP)
- Basic Methods and Functions

03 Module 3: Introduction to Android UI Components

- Layouts: LinearLayout and RelativeLayout (basic concepts)
- Views: TextView, Button, EditText
- Connecting UI Components to Java Code (findViewById)

04 Module 4: Handling User Interaction & Basic Logic

- Event Listeners (e.g., OnClickListener)
- Simple Input/Output Operations
- Building a Very Simple Interactive App

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior Android App Developer**
- > **Entry-Level Mobile Application Tester**
- > **Mobile Development Intern specializing in Android**

FREQUENTLY ASKED QUESTIONS

Q: What kind of simple Android application will I be able to create immediately after completing this 2-hour Java Fundamentals course?

Upon successful completion of this course, you will have the foundational knowledge to develop very basic, single-screen Android applications. This includes apps that can display text, respond to button clicks, and accept simple user input to perform a predefined action, such as a basic 'Hello World' app, a simple counter, or a message display application.

Q: What are the essential technical prerequisites I should possess before enrolling in this intermediate 'Java Fundamentals Android Development' course?

While this course covers Java fundamentals relevant to Android, it is beneficial to have a basic understanding of general programming concepts. Familiarity with variables, data types, basic control structures (like if-else statements and loops) in any programming language will be highly advantageous, though not strictly mandatory as core Java essentials are reviewed.

Q: How does this 'Java Fundamentals Android Development' course prepare me for more advanced Android development topics, such as working with databases or networking?

This course establishes the critical Java programming backbone required for all Android development. It provides you with a strong grasp of the language syntax, object-oriented principles, and fundamental UI interaction, which are prerequisites for diving into complex topics. While it doesn't cover databases or networking directly, it equips you with the core Java skills necessary to understand and implement those advanced features in subsequent Android development courses.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

Location

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