



IT

MASTER CLASS



JAVA PROGRAMMER

220329

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BOOK NOW



2 Day Course



Classroom & Online Training



Certificate of Attendance

ABOUT THE COURSE

The JAVA PROGRAMMER course is a comprehensive skills programme designed to equip learners with both foundational and practical programming skills using Java. This course introduces learners to the principles of software development, enabling them to design, develop, and troubleshoot applications that solve real-world problems.

Aligned with the demands of the Fourth Industrial Revolution (4IR), this course focuses on building critical digital skills such as object-oriented programming, application development, and collaborative coding using tools like GitHub. Learners will gain hands-on experience in writing clean, efficient, and structured code while working on practical projects that simulate real industry scenarios.

This programme is ideal for individuals who want to start a career in the IT sector or enhance their technical skills. Upon completion, learners will be able to develop Java applications, work effectively in a team environment, and apply problem-solving techniques in software development.

The course is aligned with industry standards and prepares learners for further studies and career opportunities in fields such as software development, artificial intelligence, cybersecurity, and data science.



Target Audience

- PROFESSIONALS
- STUDENTS
- GRADUATES
- ANALYSTS
- DEVELOPERS
- ECHNICIANS
- SPECIALISTS
- PRACTITIONERS
- RESEARCHERS
- INNOVATORS

PRICE

CLASSROOM: Request a Qoute

ONLINE: Request a Qoute
Includes snacks and beverages –
only applicable to classroom
bookings)

DAY ONE

OVERVIEW

SMART ZONE

Introduction to Programming Concepts

- Understand the basics of programming, including how software works, problem-solving approaches, and writing simple logic.

Getting Started with Java

- Learn how to set up the Java development environment and write your first Java program.

Java Syntax and Structure

- Explore variables, data types, operators, and basic input/output operations used in Java.

Introduction to Object-Oriented Programming (OOP)

- Gain an understanding of key OOP concepts such as classes, objects, methods, and encapsulation.

Development Best Practices

- Learn how to write clean, readable, and well-structured code using proper formatting and documentation standards.

DAY TWO

OVERVIEW

SMART ZONE

Object-Oriented Programming in Practice

Apply OOP concepts by creating classes and building structured Java applications.

Intermediate Java Programming

Work with control structures, loops, arrays, and methods to build more complex programs.

Introduction to REST APIs & Modular Programming

Understand how applications communicate and how to structure code into reusable modules.

Version Control with Git & GitHub

Learn how to manage code, collaborate with others, and track changes using GitHub tools.

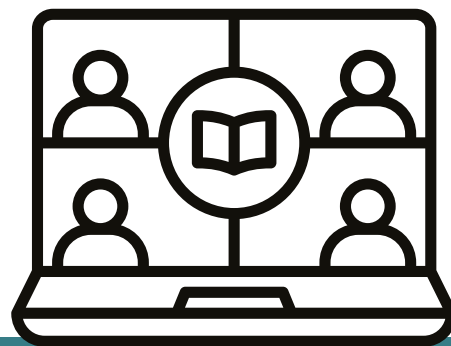
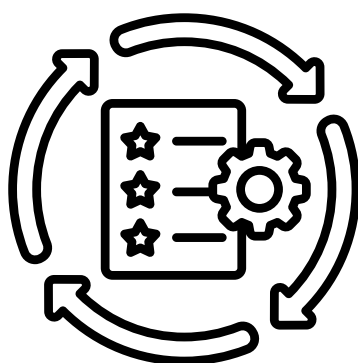
Problem Solving & Debugging

Develop the ability to identify errors, troubleshoot code, and improve application performance.

FEATURES OF THIS COURSE

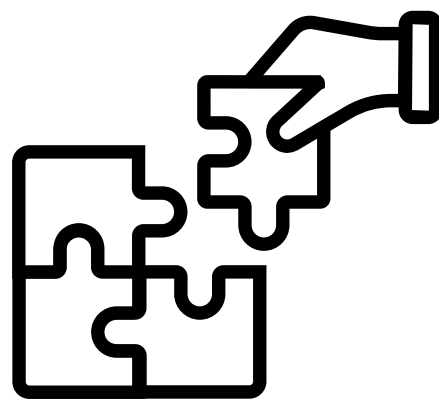
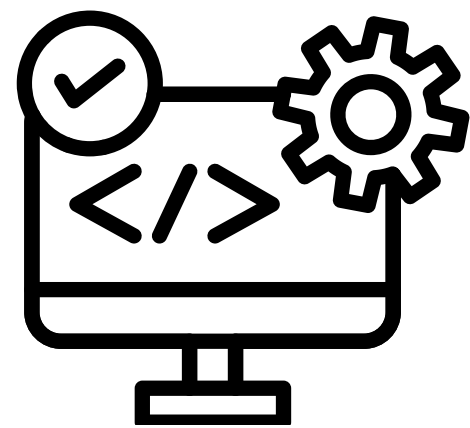
SMART ZONE

- Industry-aligned JAVA PROGRAMMER skills programme (NQF Level 4)
- Hands-on, practical training with real-world coding projects
- Covers object-oriented programming (OOP) and core Java principles
- Training on Git & GitHub for collaboration and version control
- Introduction to REST APIs and modern development practices
- Designed for beginners and aspiring software developers



BENEFITS OF THIS SHORT COURSE

- Develop strong programming and problem-solving skills
- Gain practical experience in real-world software development
- Learn industry-relevant tools like GitHub
- Improve employability in the IT sector
- Opportunity to work across industries (finance, healthcare, government, etc.)
- Pathway to further studies in AI, cybersecurity, and data science





SIGN UP NOW

SIGN UP NOW AND SECURE YOUR PLACE

1. Register Online- www.zoneups.com
2. Select the training you prefer and the date you would like to attend.
3. Fill in the registration form.
4. Choose your payment method and finalize the booking.

Request a Quotation

Accreditation



*South African
Institute Of
Occupational Safety
And Health*



Services SETA



Fasset

Make the future count



ETDP-SETA



QCTO