

Introduction to Programming Short Course

40 · R14,995

Never written a line of code before? This is where you start. Introduction to Programming teaches you to think logically, break problems into steps, and express solutions in cod...

40

Hours of Training

R14,995

Course Fee

5 Days

Full-Time Option

JHB · CPT

+ Online Nationwide

COURSE CURRICULUM

What You'll Learn

How Computers & Programs Work

Binary, CPU/RAM, operating systems and what a programming language actually is.

Your Development Environment

Install Python, VS Code, run your first program and navigate the terminal.

Variables & Data Types

Store and name data — numbers, text, booleans and None.

Operators & Expressions

Arithmetic, comparison and logical operators; operator precedence.

Control Flow — Decisions

if, elif, else — making your program choose different paths.

Control Flow — Loops

for loops, while loops, break and continue — making your program repeat.

Functions

Write reusable blocks of code, pass arguments and return values.

Lists & Dictionaries

Store and retrieve collections of data; iterate over them.

Problem-Solving Techniques

Pseudocode, debugging, reading error messages and working through challenges step-by-step.

Mini Projects

Build a number guessing game, a to-do list app and a simple calculator.

WHAT TO EXPECT

Your Learning Experience



Expert-Led Training

Taught by experienced bootcamp instructors with 30+ years of combined industry experience.



Hands-On Projects

You write code from day one. Every concept is reinforced with real exercises and a practical project you keep.



Johannesburg & Cape Town

Attend in-person at our Woodmead (JHB) or Cape Town campus, or join 100% online from anywhere.



Certificate of Completion

Receive a Code College certificate on completion — recognised by employers across South Africa.

2026 PRICING

Investment

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