



PYTHON TRAINING

Python Intro Certification Training Course

Learn Python fundamentals, programming concepts, and build basic applications. Get certified in Python and boost your coding career.

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 Python Intro Certification Training Course provides a foundational yet comprehensive dive into the world of Python programming, specifically designed for absolute beginners or those looking to solidify their basic understanding. Over 2 intensive hours, participants will gain hands-on experience with Python's core syntax, essential data types, control structures, and fundamental programming concepts. This course emphasizes practical application, ensuring you not only grasp theoretical knowledge but also learn to write simple, effective Python scripts right from the start. You'll learn how to set up your Python environment, execute your first programs, and understand the logic behind basic coding structures. The primary benefit of this certification is to equip learners with a robust starting point for their programming journey. Python's versatility makes it a crucial skill across various tech domains, and this introductory course serves as the perfect springboard. By the end, you will be capable of reading and writing simple Python code, automating basic tasks, and critically, you'll have the confidence and prerequisite knowledge to pursue more advanced Python specializations in areas like web development, data science, or machine learning, all backed by a Computer Pride recognized certification.

Duration	2 hours
Level	Intermediate
Vendor	Python

COURSE CURRICULUM

01 Module 1: Getting Started with Python

- What is Python? Why Python?
- Setting up your Python development environment (installation, IDE basics)
- Writing and executing your first Python program ('Hello World!')
- Understanding comments and basic output functions (print())

02 Module 2: Python Fundamentals - Variables, Data Types & Operators

- Introduction to variables and naming conventions
- Common Python data types: Integers, Floats, Strings, Booleans
- Basic arithmetic operators (+, -, *, /, %, //)
- Assignment operators and comparison operators
- Introduction to type conversion (casting)

03 Module 3: Control Flow - Making Decisions and Repeating Actions

- Conditional statements: if, elif, and else
- Logical operators (and, or, not)
- Introduction to loops: 'for' loops for iteration
- Introduction to 'while' loops for conditional repetition

04 Module 4: Introduction to Python Data Structures

- Working with Lists: creation, indexing, basic methods (append, remove)
- Introduction to Tuples: immutable sequences
- Introduction to Dictionaries: key-value pairs (creation, accessing values)
- Basic string manipulation methods

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior IT Support Specialist (for scripting automation of repetitive tasks)**
- > **Data Entry & Automation Assistant (streamlining data processing with basic scripts)**
- > **Aspiring Web Developer (foundational language for frameworks like Django/Flask)**

FREQUENTLY ASKED QUESTIONS

Q: What practical tasks will I be able to automate or develop immediately after completing this 2-hour Python Intro course?

Upon successful completion of this introductory course, you will be able to write simple Python scripts to automate tasks such as basic file operations (reading/writing text files), performing calculations, manipulating strings, and creating conditional responses based on user input. You'll have the foundational skills to develop small utility scripts for personal or administrative use, serving as a stepping stone for more complex automation.

Q: Do I need any prior programming experience or specific technical prerequisites to enroll in this Python Intro Certification Training Course?

No prior programming experience is required for this Python Intro Certification Training Course. It is specifically designed for absolute beginners. You should have basic computer literacy, including navigating a file system and using a web browser. We will cover environment setup from scratch, ensuring everyone can follow along regardless of their technical background.

Q: How does this 'Intro Certification' prepare me for more advanced Python courses or industry-recognized certifications like the PCAP (Certified Associate in Python Programming)?

This Python Intro Certification serves as the essential bedrock for all subsequent Python learning paths. It firmly establishes your understanding of core Python syntax, data types, control flow, and basic data structures, which are fundamental to any advanced topic. While it doesn't directly cover the extensive syllabus of certifications like PCAP, it provides all the necessary prerequisite knowledge and hands-on exposure to make your transition to intermediate and advanced Python courses (and thus, external certifications) significantly smoother and more effective.

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.

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