

SCHOOL OF IT INTERNATIONAL

Raspberry Pi Courses Brochure

Live, 1-on-1 online training with the Raspberry Pi — from hardware setup and Linux fundamentals through real-world electronics, automation and IoT projects.

Introduction to Raspberry Pi

Advanced Raspberry Pi Projects

School of IT International (Pty) Ltd

Somerset West, Cape Town, South Africa · schoolofit.co.za

Introduction to Raspberry Pi

A hands-on introduction to the Raspberry Pi single-board computer — hardware setup, the Linux-based Raspberry Pi OS, GPIO fundamentals, and basic Python scripting to control real electronic components. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Learning Objectives

Covered over 10 hours.

1 Raspberry Pi hardware overview — models, specifications and accessories**2 Installing and configuring Raspberry Pi OS (Linux)****3 Command line basics and remote access (SSH)****4 Understanding GPIO pins — inputs, outputs and basic circuits****5 Introduction to Python for hardware control****6 First projects — LEDs, buttons and simple sensors**

Pricing

COURSE PRICE

R10,900

Full payment before commencement (no payment plan)

Course Duration & Format



Duration

10 hours — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

Career Prospects

◆ Embedded Systems Technician

◆ IoT Developer (entry)

◆ Electronics Hobbyist (skills)

◆ Junior Automation Technician

◆ Maker / Prototyping Specialist

Typical Raspberry Pi-skilled salary (South Africa)

R160k – R350k / yr



Note: No formal international certification exists for Raspberry Pi — School of IT Certificate of Completion issued.

 Get job-ready skills — start your Introduction to Raspberry Pi course today.

Enrol Now →

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Somerset West, Cape Town, South Africa

Advanced Raspberry Pi Projects

Build real-world electronics and automation projects with the Raspberry Pi — sensors, home automation, camera modules, and network/IoT integration using more advanced Python programming. 1-on-1 online training with a real lecturer.

● Flexible hours

● Commence anytime

● 1-on-1 online with a real lecturer

Prerequisite: Introduction to Raspberry Pi (or equivalent experience).

Learning Objectives

Covered over 20 hours.

- 1 Working with sensors — temperature, motion, light and distance
- 2 Home automation projects — relays, switches and scheduled tasks
- 3 Camera module and basic computer vision projects
- 4 Networking and IoT integration — connecting to cloud services and APIs
- 5 Building a complete automation or monitoring project from scratch
- 6 Debugging, testing and deploying a finished Raspberry Pi project

Pricing

COURSE PRICE

R14,900

Full payment before commencement (no payment plan)

Course Duration & Format



Duration

20 hours — maximum completion time



Payment

Full payment only (no payment plan)



Mode

1-on-1 online, real lecturer, flexible scheduling



Certificate

Certificate of Completion included

Career Prospects

◆ IoT Developer

◆ Embedded Systems Developer

◆ Automation Technician

◆ Robotics Hobbyist (skills)

◆ Junior Electronics Engineer

Typical Raspberry Pi-skilled salary (South Africa)

R220k – R480k / yr



Note: No formal international certification exists for Raspberry Pi — School of IT Certificate of Completion issued.

🚀 Get job-ready skills — start your Advanced Raspberry Pi Projects course today.

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