



CERTNEXUS TRAINING

Certified Internet of Things Practitioner™ (CIoTP)

Technical hands-on course to design, assemble, configure, and maintain IoT devices, gateways, and networks.

DURATION

24 Hours (3 Days)

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

Certified Internet of Things Practitioner® (CIoTP-110) validates hands-on technical skills to design, build, deploy, and maintain connected IoT solutions incorporating hardware, sensors, and cloud backends.

Duration	24 Hours (3 Days)
Level	Intermediate
Vendor	CertNexus
Exam Code	ITP-110

WHO IS THIS FOR?

- IoT Developers, Systems Engineers & Hardware Technicians

PREREQUISITES

- Basic programming skills and networking fundamentals

COURSE CURRICULUM

01 Module 1: IoT Hardware & Sensor Integration

- Microcontroller platforms (ESP32, Raspberry Pi)
- Hands-on Lab: Programming an Edge Sensor Node

02 Module 2: Communication Protocols & Cloud Gateways

- MQTT broker configuration
- Hands-on Lab: Telemetry Data Streaming to Cloud

03 Module 3: Edge Analytics & Maintenance

- Over-The-Air (OTA) firmware updates
- Hands-on Capstone Lab: Smart IoT Solution Deployment

FREQUENTLY ASKED QUESTIONS

Q: What is the total duration of the Certified Internet of Things Practitioner™ (CIoTP) course?

The course duration is 24 Hours (3 Days) (24 hours of instructor-led lecture and hands-on laboratory exercises).

Q: Does this course help prepare for an official CertNexus certification?

Yes, Certified Internet of Things Practitioner™ (CIoTP) aligns directly with the official CertNexus certification exam (ITP-110) and includes official courseware and lab access.

Q: Is training delivered by authorized CertNexus instructors?

Yes, at Computer Pride all CertNexus courses are delivered by certified instructors with extensive industry experience.

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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