

COURSE OVERVIEW

Course Name:
(CN-IoTBIZ)
CertNexus Internet of Things (IoT) for Business Professionals

COURSE DURATION: 1 Day

Gauteng:

3rd Floor, 34 Whitely Road
Melrose Arch
Johannesburg
2196

Gauteng:

192 on Bram
192 Bram Fischer Drive
Ferndale, Randburg
Johannesburg
2160

Cape Town:

3rd Floor, Thomas Pattullo Building
19 Jan Smuts St
Cape Town
8000

Durban:

9 Mountview Close
Broadlands
Mount Edgecombe
Durban
4302



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INTRODUCTION

The Internet of Things (IoT) promises a wide range of benefits for industry, energy and utility companies, municipalities, healthcare, and consumers. Data can be collected in extraordinary volume and detail regarding almost anything worth measuring, such as public health and safety, the environment, industrial and agricultural production, energy, and utilities. New data analysis tools have been optimized for the massive amounts of data that IoT produces, enabling well informed decisions to be made quickly. Before you can successfully plan and implement an IoT solution, you must understand the various factors that will drive your decisions. But putting IoT systems into place can be a complicated proposition with unique considerations distinctly different from traditional IT solutions. Business professionals often have little or no foundation for understanding of the components and design decisions that go into an IoT project. They may have a traditional understanding of IT solutions which includes knowledge of networks, cloud computing, and applications running on servers, desktop computers, and mobile devices.

DELIVERY METHOD

Our courses have flexible delivery options:

- In-person classroom training at the Impactful training facilities
 - Johannesburg, Durban, Cape Town
- Virtual instructor-led training
- Nationally: on-site at the client



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TARGET AUDIENCE

This half day course is intended for business leads in project management, marketing and sales who are seeking to grow their organization through IoT technology solutions. This course prepares students for taking the CertNexus® IoTBiz Credential (IOZ-110).

PREREQUISITES

None

COURSE OBJECTIVES

This half day course and associated credential (IOZ-110) will validate a participant's knowledge of IoT terminology, their ability to understand the components of IoT infrastructure, uncover challenges for consideration and the impact that IoT has on their organization. Successful participants will be able to identify what IoT can do for their organization and the various business and technical challenges to address.

COURSE CONTENT

Lesson 1: Planning an IoT Implementation

- Topic A: Defining IoT
- Topic B: IoT Infrastructure
- Topic C: Identify Benefits and Challenges of IoT

Lesson 2: Undertaking an IoT Project

- Topic A: Identify Real World Applications for IoT
- Topic B: The IoT Development Lifecycle