



## Overview

This learning program is intended to introduce students to current developments in distributed ledger technology, or blockchain, with the vantage point of possible benefits to emerging markets.

You will learn to understand how blockchain works and how it could change technology as it is today. We will also be investigating new markets that has evolved out of blockchain and how we can benefit out of it.

Where blockchain can be used beyond fintech companies for a more sustainable and inclusive management of global supply chains.

This qualification is designed to:

- Understanding how blockchain work.
- Investigating potential markets.



## Duration

1 Day (08:30 - 16:00)



## Pre-requisites

Learners who meet one of the following requirements may apply for admission to the qualification:

- Computer Fundamentals
- Basic Maths



## Course Outline

### Module 1: Understanding distributed systems

Completing this part of the module will enable a student to:

- Exactly how and why we have distributed systems.

### Module 2: Distributed Ledgers

Completing this part of the module will enable a student:

- Understanding what a distributed ledger is and how everything fits together, bitcoin, ledgers and blockchain technology.

### Module 3: The ICO Story

Completing this part of the module will enable a student to:

- Why ICO's exist and how to get investment opportunities.

# Blockchain for Executives

## Module 4: A New Mechanism of 'Trust'?

Completing this part of the module will enable a student to:

- Discussing and understanding how blockchain can replace contracts and even the banking system.

## Module 5: How It Can Impact Emerging Markets

Completing this part of the module will enable a student to:

- Understand Alternative Coins

## Module 6: De-Risking in Emerging Markets?

Completing this part of the module will enable a student to:

- The risks of blockchain in the financial sectors

## Module 7: Blockchain in Financial Services in Emerging Markets—Current Trends

Completing this part of the module will enable a student to:

- Understanding the emerging markets that has raised from blockchain technology.

## Module 8: Beyond Fintech: Leveraging Blockchain for More Sustainable and Inclusive Supply Chains

Completing this part of the module will enable a student to:

- Think out the box, blockchain doesn't stop with fintech companies.

## Module 9: Blockchain Governance and Regulation as an Enabler for Market Creation in Emerging Markets

Completing this part of the module will enable a student to:

- Government Regulations and the consequences of it.

## Module 10: Using Blockchain to Enable Cleaner, Modern Energy Systems in Emerging Markets

Completing this part of the module will enable a student to:

- How blockchain technology can interact with clean, reliant and affordable energy.

## Module 11: Blockchain and Associated Legal Issues for Emerging Markets

Completing this part of the module will enable a student to:

- Legal issues that can rise implement smart contracts.

## Module 12: Use Cases

Completing this part of the module will enable a student to:

- The internet of Ethereum things