

# BLOCKCHAIN TECHNOLOGY CERTIFICATION

As per International Standards



## UNICHROME

# Unichrone Training **Advantages**

- ✓ 3 Day Interactive Instructor –led Online Classroom or Group Training
- ✓ Course study materials designed by subject matter experts
- ✓ Blockchain Practice Tests with detailed answers and explanations
- ✓ Highly qualified, expert & accredited trainers with vast experience
- ✓ Enrich with Industry best practices and Real-Life Examples
- ✓ Course Completion Certificate will be provided
- ✓ Convenient Weekday/Weekend Blockchain Training schedule



# What is Blockchain Technology Certification?



Blockchain technology is used to store and transfer data using a decentralized system in distributed ledgers. The digital record of all the transactions of the economy without missing of data, misuse, manipulation and forgery, and mainly incorruptible, is known as the blockchain. It is a distributed database created with the help of blockchain technology. We can host the transactional data by millions of computers at a time and we can retrieve the data at any time, this data is not available for the hacker to corrupt.

Blockchain Technology Certification is designed for professionals willing to master the fundamentals of this advanced technology and cryptocurrency. Owning the credential validates a professional's skills in building blockchain applications and programming for organizations. Certified Blockchain professionals are highly sought-after due to the vigorous advancements in this domain.

# About Unichrone



We are a professional training institute with an extensive portfolio of professional certification courses. Our training programs are meant for those who want to expand their horizons by acquiring professional certifications across the spectrum. We train small- and medium-sized organizations all around the world, including in USA, Canada, Australia, UK, Ireland and Germany.



Guaranteed Quality



Handpicked Trainers



Global Presence



Online Training Option

**We've trained professionals across  
global companies**

**PHILIPS**

**AXCESS**  
FINANCIAL PRODUCT MANAGEMENT

**CLARIANT**

**AkerSolutions**

**WÜRTH**

**baycoat**

**DUPONT**

**DASHTI**

**GlobalSign**

**Triskele Labs**

مصرف الراجحي  
**Al Rajhi Bank**

**DHL**

**ARASCO**  **أراسكو**



## WHO SHOULD ATTEND

- Developers with Object Oriented Language experience is required.
- Having a fundamental knowledge of Linux, NodeJS, Command Line and JavaScript are beneficial

## ELIGIBILITY CRITERIA

- Students as well as professionals Interested in learning new technology can take up Blockchain course. This technology is beneficial for the software developers, and professionals in Banking and financial sector.

# Blockchain Technology Certification **Advantages**



CERTIFIES  
YOUR TALENT



HELPS  
BUILDING  
VALUES



GLOBAL  
RECOGNITION



PERFECT  
EXECUTION



BUILDS  
CUSTOMER  
LOYALTY



MORE  
EMPLOYABILITY  
OPTIONS

# Syllabus of Blockchain Technology Training

## Lesson 01 – Introduction to Blockchain

1.	What is Blockchain?
2.	History of Blockchain
3.	Explaining Distributed Ledger
4.	Blockchain ecosystem
5.	Explaining Distributed Ledger

## Lesson 02 – Introduction to Ethereum

1.	Ethereum : Blockchain with smart contract
2.	What is Ether?
3.	Bitcoin vs Ethereum Blockchain
4.	What is Ethereum wallet?
5.	What is Smart Contract?
6.	Ethereum clients
7.	Geth Introduction
8.	Setting up Private Blockchain using Geth

# Syllabus of Blockchain Technology Training

## Lesson 03- Types of Blockchain

1.	Private/Consortium/Permission-less
2.	Public/Permissioned implementation difference
3.	What Blockchain has to offer across Industry?
4.	Companies currently using Blockchain
5.	Overview of what we are going to study in this course

## Lesson 04 – Learn Solidity

1.	Introduction to solidity
2.	Hands on solidity
3.	Understand and implement different use cases
4.	Implement and deploy smart contract on Blockchain



# Syllabus of Blockchain Technology Training

## Lesson 05 – Key Concepts of the Blockchain

1.	Mining -Mining algorithm
2.	Node, peer and block explanation
3.	Merkle tree and Blockchain
4.	Consensus Mechanisms- proof of work , proof of stake
5.	How Bitcoin Blockchain works?
6.	What is Transaction?

## Lesson 06– Solidity

1.	Setting up the environment
2.	Tools to install – Truffle , Metamask ,Testrpc
3.	Implement and deploy your first Dapp
4.	Different use cases for implementation of Dapp

# Syllabus of Blockchain Technology Training

## Lesson 07 – Future Scope.

- |    |  |
|----|--|
| 1. | Talk about the future of the Blockchain          |
| 2. | What is Hyperledger?                             |
| 3. | What is Hashgraph?                               |
| 4. | Discussion on current research on Blockchain     |
| 5. | Understand current industry challenges and needs |
| 6. | Conclude the course                              |

## Format of Blockchain Technology Exam

Examination Format	
Exam Name	Blockchain Certification
Exam Format	Multiple Choice-Online
Total Questions & Duration	50 Questions, 90 minutes
Passing Score	70%.
Exam Cost	Included in the Training fee

To get you fully prepared with the knowledge and skills for the Blockchain Certification examination, a training session at Unichrone gives immense importance to mock questions at the end of every module and problem-solving exercises within the session. Prepared by certified faculty, the practice tests are a true simulation of the Blockchain Certification examination

# Contact Us

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<https://unichrone.com/>

