

FUNDAMENTALS OF BLOCKCHAIN

“Demystifying Blockchain – From Buzzword to Business Utility”

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

Introduction

Blockchain is one of the most talked-about technologies today—but what exactly is it, and why does it matter? This course is designed to provide a solid foundation in blockchain technology for professionals with little to no prior exposure. From how it works to how it's used across industries, this course breaks down complex concepts into simple, practical knowledge that you can immediately apply to your field or organization.

Objectives

By the end of this course, participants will:

- Understand the core concepts and components of blockchain
- Learn how blockchain achieves trust, transparency, and immutability
- Explore the different types of blockchain (public, private, permissioned)
- Identify real-world applications across finance, supply chain, healthcare, and more
- Get introduced to smart contracts, tokens, and the basics of cryptocurrencies
- Gain a strong footing to further explore blockchain career paths or strategic use

Why Attend

- To understand the **true value** of blockchain beyond the hype
- To explore **career and business opportunities** in blockchain-related fields
- To build a foundation for **further study** in blockchain development, crypto, or strategy
- To develop the knowledge required for **informed decision-making** in a blockchain-influenced world

Target Audience

- Beginners with no prior blockchain or programming experience
- Business professionals exploring innovation and digital transformation
- Entrepreneurs and startup founders
- Financial services and supply chain staff
- Students and researchers exploring blockchain fundamentals

Individual Benefits

- Clear understanding of blockchain's capabilities and limitations
- Boosted confidence in tech-focused conversations and evaluations
- A stepping-stone to advanced blockchain certifications and roles
- Broader awareness of digital trends and future opportunities

Organizational Benefits

- Improved ability to assess blockchain feasibility internally
- Increased digital literacy among staff
- Better alignment of innovation teams with executive expectations
- Competitive edge through early adoption understanding

Instructional Methodology

- Non-technical visual presentations and demonstrations
- Hands-on interactive examples and group exercises
- Case studies from real-world use cases
- Short quizzes and live discussions for retention
- Concept mapping and keyword takeaway lists

Course Outline

DETAILED 5-DAY COURSE OUTLINE (Customizable) Training Hours: 07:30 AM – 03:30 PM Daily Format: 3–4 Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 – 02:00

Day 1: Blockchain Basics

- **Module 1 (07:30 – 09:30):** Introduction to Blockchain & Distributed Ledger Technology
- **Module 2 (09:45 – 11:15):** Blocks, Hashing, and Cryptographic Security
- **Module 3 (11:30 – 01:00):** Decentralization, Nodes, and Consensus Mechanisms

Day 2: Types and Structures of Blockchain

- **Module 4 (07:30 – 09:30):** Public, Private, Hybrid, and Consortium Blockchains
- **Module 5 (09:45 – 11:15):** Blockchain vs Traditional Databases
- **Module 6 (11:30 – 01:00):** Blockchain Architecture: Layers and Components

Day 3: Smart Contracts and Tokenization

- **Module 7 (07:30 – 09:30):** What Are Smart Contracts and How Do They Work?
- **Module 8 (09:45 – 11:15):** Introduction to Tokens, NFTs, and Token Standards
- **Module 9 (11:30 – 01:00):** Blockchain Platforms: Ethereum, Hyperledger, and Others

Day 4: Applications and Use Cases

- **Module 10 (07:30 – 09:30):** Blockchain in Financial Services
- **Module 11 (09:45 – 11:15):** Blockchain in Supply Chain, Healthcare, and Governance
- **Module 12 (11:30 – 01:00):** Blockchain in Identity, Voting, and Intellectual Property

Day 5: Risks, Regulations, and the Future

- **Module 13 (07:30 – 09:30):** Blockchain Security, Privacy, and Risks
- **Module 14 (09:45 – 11:15):** Legal, Ethical, and Regulatory Considerations
- **Module 15 (11:30 – 01:00):** Future Trends, Careers, and Certification Paths in Blockchain

Certification

Participants will receive a **Certificate of Completion** for **“Fundamentals of Blockchain”** after full participation and assessment.

Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation’s unique goals.

In-House / Customized Training

Interested in running this course for your team?

Please contact us:

TEL:

+601116373203

EMAIL:

info@mawaevents.net