



**CHARLES MANN**  
TRAINING & CONSULTANCY

# Certified Blockchain Technologist

2 Day HRDF Training  
Programme



Charles Mann Training and Consultancy Sdn Bhd (825915-W)  
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## Course Outline

Certified Blockchain Technologist™ course is a 2-day training programme led by expert instructors. Participants will gain an extended insight into the fundamental concepts of blockchain technology, along with an in-depth understanding of the current and future blockchain trends and applications that need to be developed. Blockchain has already impacted close to 25 industries worldwide and its only begun to scratch the surface.

By the end of 2019, global spending on blockchain solutions has reached about \$2.9 billion US dollars and is expected to exceed \$11.7 billion by 2022. The market value of blockchain in the food and agriculture market is projected to climb to \$1.4 billion U.S. dollars by 2028 and just in China, it is forecasted to grow to \$1.42 billion U.S. dollars by 2022!

Attendees who join this 2 day training course will study various case studies and learn from an industry expert of what needs to be done as a blockchain startup to be successful along with avoiding common pitfalls. Additionally, participants will take part in a LIVE blockchain installation in class, ensuring practical expertise has been gained. No technical knowledge or previous blockchain experience is required to benefit from this course.

Modules covered include:

Module 01 - Blockchain Basics	Module 06 – Blockchain 3.0
Module 02 - Digital Currency	Module 07 – Blockchain Limitations
Module 03 - Smart Contracts	Module 08 – Possible Solutions
Module 04 – Smart Property	Module 09 - Government Regulations
Module 05 - DAOs & DApps	Module 10 - Blockchain Setup (Live In Class)

This HRDF claimable training course will provide you with a strong foundation of the knowledge required to completely understand the ins and outs of Blockchain technology.

## Course Benefits

Following this blockchain training course, you will be able to:

- Understand the fundamentals of Blockchain technology
- Gain an insight into Blockchain protocols and digital currencies
- Understand Blockchain 3.0
- Understand Blockchain in Malaysia

Upon completion of this course, you will receive a premier certificate from Blockchain Academy.

All certificates issued by the academy are timestamped on the blockchain. This means anyone at anytime can validate the authenticity of your cert to prove its authenticity.

# Course Programme

## Blockchain Basics and Digital Currency

- Overview of Blockchain Technology
- Why Blockchain is Disruptive
- Blockchain Wallets
- Understanding Exchanges
- Finances and Payments
- Programming Languages
- Currency and Digital Payments
- Cryptocurrency Mining
- Proof of Work and Proof of Stake

## Smart Contracts

- Financial Services
- Crowdfunding
- Prediction Markets
- Ethereum Blockchain
- Initial Coin Offerings

## Smart Property

- Trustless Lending
- Coloured Coins
- Development Platforms
- APIs
- Blockchain Ecosystem

## DAOs & DApps

- Counterparty
- DApps, DAOs, DACs and DASs
- Automatic Markets and Tradenets

- Blockchain and AI
- Case Studies of Top DApps

## Blockchain 3.0 and Blockchain Limitations

- Problems Blockchain 3.0 Will Solve
- Technical Challenges
- Throughput and Latency
- Transaction Size and Bandwidth
- Cybersecurity
- Multiple Chains
- Non-interoperability

## Possible Solutions

- Dark Pools
- Alternative Hashing Algorithms
- Unspent Outputs
- Posting Bond Deposits
- REST APIs

## Government Regulations

- Business Model Challenges
- Scandals and Public Perception
- Legal Risks and Government Regulation
- Privacy Challenges
- Liabilities

## Blockchain Setup, Group Work and Assessment

# Instructor



Amarjit Singh (CBP, CBT, CFP, MCSE)

Amarjit has more than 18 years experience in IT hardware, software and security. He has worked with IBM and Citibank in the past and is currently on the advisory board for several fintech and blockchain startups including IDACB (International Decentralised Association of Cryptocurrency and Blockchain). He is very well versed with the different blockchain protocol stacks. He is also an executive member of World Blockchain Association. Amarjit is proud to be one of Malaysia's first conferred TEDx speakers.

In his freetime, Amarjit actively participates in events and conventions locally and abroad. He is a highly sought after keynote speaker and has moderated many panel discussions globally.

# Registration Form



## CERTIFIED BLOCKCHAIN TECHNOLOGIST 2-Day Blockchain Technology Program

**COURSE FEES: RM2,950.00 per delegate**



Charles Mann is an approved training provider and registered with Pembangunan Sumber Manusia Berhad (PSMB). All our courses are claimable through the HRDF scheme. Please contact us for details.

<b>DATE:</b>	
<b>COMPANY / ORGANISATION:</b>	
<b>FULL ADDRESS:</b>	
<b>AUTHORISED BY / JOB TITLE:</b>	
<b>CONTACT NUMBER:</b>	
<b>EMAIL ADDRESS:</b>	
<b>WEBSITE:</b>	

- SELECT DATE:**
- |  |  |  |
|--|--|--|
| <input type="checkbox"/> 13th to 14th Jan 2020 | <input type="checkbox"/> 18th to 19th May 2020 | <input type="checkbox"/> 21st to 22nd Sep 2020 |
| <input type="checkbox"/> 17th to 18th Feb 2020 | <input type="checkbox"/> 15th to 16th Jun 2020 | <input type="checkbox"/> 12th to 13th Oct 2020 |
| <input type="checkbox"/> 9th to 10th Mar 2020  | <input type="checkbox"/> 13th to 14th Jul 2020 | <input type="checkbox"/> 9th to 10th Nov 2020  |
| <input type="checkbox"/> 13th to 14th Apr 2020 | <input type="checkbox"/> 10th to 11th Aug 2020 | <input type="checkbox"/> 14th to 15th Dec 2020 |

	<b>FULL NAME</b>	<b>JOB TITLE</b>	<b>EMAIL</b>
<b>ATTENDEE 1:</b>			
<b>ATTENDEE 2:</b>			
<b>ATTENDEE 3:</b>			

If registering 3 or more attendees, please contact us for bulk discounts or to arrange in-house training. Course dates can be found on our website along with venues. Dates and/or venues can change due to unforeseen circumstances. For Early Bird rates, full payment must be made one week prior to course date.

Please print and email this form to: [info@charlesmann.com.my](mailto:info@charlesmann.com.my) or call us on **010 425 0886**

Alternatively, please post to: 10 Jalan USJ 3/1e, UEP Subang Jaya, Selangor 47600

Payment can be made direct into our CIMB account:

CIMB Bank, Account No. 8002037568

Charles Mann Training and Consultancy Sdn Bhd



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