

Understanding Blockchain Technologies & Applications: An Experiential Programme

Course Fee: HK\$3,900 (May apply up to HK\$2,600 subsidy)

*Maximum saving, with the final grant subjects to approval.



This experiential programme aims at helping non-tech professionals such as HR, marketing, sales, finance, or even senior management to gain a practical understanding of Blockchain technologies.

With the use of experiential learning methods, participants can experience Blockchain in an engaging way for digital transformation in the ABCD+ era.

Programme code	10011130
Date and time	12 Mar 2021 (Friday) 09:30 – 17:00 (6 lecture hours)
Venue	HKPC Building, 78 Tat Chee Avenue, Kowloon Tong
Medium	Cantonese/English
Course fee	HK\$3,900* (May apply up to HK\$2,600 subsidy)
Remarks	Learn the fundamental concepts and applications of Blockchain through participating game activities and group exercise

Programme Highlights

The Blockchain Experiential Programme explores the issues of current internet model: lack of peer to peer trust and the issue of centralisation and see how Blockchain addresses trust issues.

Participants can learn Blockchain concepts step by step through experiential games:

- Definition of Blockchain/Distributed Ledger Technology (DLT)
- Explanation on the benefits of decentralisation architecture that enables peer to peer transactions
- Walkthrough of Operation in Distributed Ledger among Networks nodes
- Explanation on Consensus Protocols that facilitate trust in decentralised architecture
- Illustration of the concept of asymmetric key encryption
- Public Key & Private Key
- Highlight the benefits of Smart Contract that can eliminate 3rd parties
- Explanation of the benefits of Distributed APP (DAPP) on Blockchain network

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Course Outline

AM session

1. Polling to bust the common myths and misunderstanding of Blockchain
2. The essence of Blockchain technology
3. Blockchain Experiential Activities - Boardgame and Debriefing
 - Understanding the fundamental concepts of Blockchain
 - Benefits of Decentralisation
 - Distributed Ledger System overview
 - Distributed Ledger in Networks nodes



PM session

1. Continue the Blockchain Experiential Activities using boardgame to learn the following concepts:
 - Distributed Consensus (Proof of work, Proof of Stake, Mining)
 - Cryptography (Public Key & Private Key)
 - Smart Contract
 - Distributed APP (DAPP)
2. Application Case Studies for different functional units and industries e.g health care, real estate, logistics, HR... etc
3. Group exercise: Applying mini-design thinking methodology to enable participants in small groups to come up with new ideas/prototypes that can leverage the understanding of Blockchain for innovation in their own industries/disciplines.
4. Homework and participating in social learning WhatsApp group

Instructor: Dr. Andrew MA



- Coming from a high-tech background, Andrew has extensive global management experience in diverse disciplines, including marketing, business development, strategic & product management, system engineering, and consultancy & training.
- He is also recognised for outstanding academic achievements, including a Ph.D from School of Business and Leadership, with a research focused on cross-cultural & cross generational leadership, MBA; M.Sc. (Optical Communication); B.Sc. (Electrical Engineering); and BA (Economics).
- Furthermore, Andrew is a certified trainer for The Potential Project CBMT (Corporate Based Mindfulness Training), qualified and accredited administrator of the MBTI, master trainer for MRG, and experienced in EQ related teachings and trainings.

Enrolment method

1. Scan the QR code to complete the [enrolment](#) and payment online.
 2. Mail the crossed cheque with payee name "Hong Kong Productivity Council" (in HK dollar) and the application form should be mailed to Hong Kong Productivity Council, 3/F, HKPC Building, 78 Tat Chee Avenue, Kowloon (attention to Ms Sarah MA). Please indicate the course name and course code on the envelope.
- Enrolment form can be downloaded at <https://www.hkpcacademy.org>



RTTP Training Grant Application

Companies should submit their RTTP training grant application for their employee(s) via <https://rttp.vtc.edu.hk/rttp/login> at least two weeks before course commencement. Alternatively, [application form](#) could be submitted by email to rttp@vtc.edu.hk along with supporting documents.