hkpc Academy 生產力學院

FUTURESKILLS

BLOCKCHAIN

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.

RTTP Approved

This experiential programme aims at helping non-tech professionals such as HR, marketers, salespeople, finance practitioners 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	10011130-02
Date and time	04 November 2021 (Thursday) 09:30 – 17:00 (6 lecture hours)
Venue	HKPC Building, 78 Tat Chee Avenue, Kowloon Tong
Medium	Cantonese
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

Supporting Organizations (in alphabetical order)

BLOCKCHAIN ASSOCIATION OF HONG KONG 香港區塊鏈協會   50th Anniversary HONG KONG COMPUTER SOCIETY 香港電腦學會   香港資訊科技商會 HKITF   HKNETEA 香港新興科技教育協會   WTIA 香港無線科技商會

This course is an approved Reindustrialization and Technology Training Programme (RTTP) with up to 2/3 course fee reimbursement upon successful applications. For details: https://rttp.vtc.edu.hk.

Course Outline

AM session
- Polling to bust the common myths and misunderstanding of Blockchain
- The essence of Blockchain technology
- 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
- 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)
- Application Case Studies for different functional units and industries e.g health care, real estate, logistics, HR… etc
- 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.
- Homework and participating in social learning WhatsApp group

Certificate of Attendance will be issued to participants who have attended all lessons.

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 Jade TAI). 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.