DIGITAL TRANSFORMATION OF FINANCIAL SERVICES AND FINTECH

16-HOURS CLASS

The course is intended to assist those in the finance-related industry in understanding the change brought about by today's technological advancements in a global environment so that they may transform their business strategy and operations through digital technology.

Considering there's a greater diversity with the emergence of new business models for the provision of financial services, this course will allow trainees, through the acquisition of new technology skills, knowledge and mindset, to collect data in the digital era and demand, identify their clients' needs through data analysis, and plan for their business and operations through digital transformation based on insights derived from data analysis. At the end of course, participants will be able to:

- Understand the digitization process of the financial sector and its functionalities, as well as the proposed methodological framework of digital transformation
- Develop data-driven and design-thinking mindset on transforming business to technologically enabled innovation in financial services, i.e., the new business models, applications, processes or products with an associated material effect on financial markets and institutions and the provision of financial services

Course Fee: HKD32,000

Duration: please refer to the latest schedule on the website of RTTP (Registered Public Courses)

Key Topic Highlights:

Discuss digital transformation and the emergence of the Fintech sector

- Learn the impact of the digital transformation of finance in innovations and the long-standing challenges of financial intermediation, including asymmetric information, uncertainty, incomplete markets, and fixed and variable costs of production
- Learn the digitization of previously analog machine and service operations, organizational tasks, and managerial processes, as well as to use AI techniques to identify information and pre-process raw image data
- Implement with machine learning techniques to make predictions, deliver insights and communicate findings
- Apply Design Thinking and Computational Thinking to identify business opportunities
- Introduce the management and leadership tools that can be used to monitor each stage through data analysis and make sure the transformation is implemented efficiently and effectively

Discuss the NFT's, the Metaverse and the opportunities of blockchain solutions in digital transformation

- Learn the fundamentals of Blockchain: data, hash, consensus mechanisms, Blockchain trilemma
- Learn the fundamentals of Cryptocurrency: public/private keys, wallets, transactions, TVL, FUD
- Learn the fundamentals of NFT: creating, minting, buying, selling, floor, volume, generative nfts
- Manage risk of Decentralized Finance (DeFi), as well as the change in digital payment
- Comply with General Data Protection Regulation (GDPR) with the adoption of Blockchain

Prepare and build Digital Transformation mindset with Innovative Leadership

- Learn the new technology that affects business development such as AI, metaverse, blockchain related applications
- Learn the use case of digital technology, including Artificial Intelligence, Big Data, Distributes Ledger Technology, Smart Contracts, Cloud Computing, etc.
- Understand how Design Thinking can develop product and service to enhance user experience
- Apply Computational Thinking to drive logical and data driven culture and mindset to solve problems
- Use Product Management approach with tech and innovative way to strategise, design, evaluate, manage user experience

Who is it for? Anyone who involve and contribute to their organization's diigital transformation project with the latest technology are welcome to join.

66,000 NEW TECHNOLOGY AND DATA SCIENCE JOBS WILL BE CREATED BY 2030.

Source: Financial Times