

Emerging Technology Short Courses

- To Enable Your Digital Transformation Journey

Updated Version: 01 Jan 2021



UP COMING WEBINAR



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Webinar

How Cloud accelerates results and drives a successful digital transformation?

Date and Time

19 Jan 2021, 15:00-15:30

Fee

Free

This free webinar will provide a proven methodology that can guide you to:

- ❖ Understand the key considerations and industry best practices when strategising a migration to cloud
- ❖ Realise the measurable business benefits from cloud adoption
- ❖ Avoiding risks when go cloud

TRAINING HIGHLIGHTS



DevOps Foundation Certificate is governed and maintained by the DevOps Institute



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Course

DevOps Foundation (DOFD®) (2 days)

Course fee

Original Price HK\$7,200

May apply up to HK\$4,800* subsidy

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

The course is intended to provide participants with an understanding of basic DevOps concepts and how DevOps may be used to improve communication, collaboration and integration between software developers and IT operations professionals.

Big Data & AI Training

Big Data Essentials to AI Applications Series

Here are 3 new training courses to empower Executives and IT professionals on data literacy and analytics competence by applying Python best practices, machine learning and deep learning in AI digital transformation.

- ☐ Big Data and Open-source Fundamentals Workshop (1 Day)
- ☐ Python for Big Data Analytics Certificate Program (2 Days)
- ☐ Machine Learning Programming Workshop in Tensorflow, Keras and Pytorch (1 Day)



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Certified Hadoop Series

- ☐ Certified Hadoop Administrator
- ☐ A Certified Hadoop Developer Programme



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Artificial Intelligence: Infrastructure Architect (2 Days)

This course introduces machine learning and AI, and discusses the infrastructure of AI projects. Participants will be able to work and adapt according to specific business or project needs.



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Big Data Analytics: Essentials for Smart City (2 Days)

This course allows participants to learn and apply Business Intelligence Analysis in Smart City. Participants will get to understand Big Data concepts and the use of Big Data Map Reduce Techniques which can help on efficient information dissemination. Participants will also learn about the practical use of Analytics on large-scale document management system, monitoring IoT devices, Smart Meter and Smart Drainage to enhance their project management skills for Smart-City.



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IoT Training

Internet Of Thing (IoT) Series:

We will take a close look at how IoT empowers industry applications through case studies.

- ☐ Introduction to IoT: Technologies and Applications (2 days)
- ☐ Technical Workshop on Machine learning for IoT Data (2 days)
- ☐ IoT Certification Program: from Beginner to Advanced (5 days)



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Agile & Scrum

Professional Scrum Series

PMI credential holders can earn 14 PDUs for each course attendance

We are living with emerging technologies like mobile, internet of things, artificial intelligence and machine learning that contribute to the rapidly changing markets with new products, competitors and regulations.

Scrum is a framework for developing, delivering, and sustaining complex products. It is the approach we can use to address complex adaptive problems while efficiently and creatively delivering products of the highest possible value.

HKPC collaborates with Scrum HK to provide a series of certification training on scrum masters, product owners, user experience and DevOps to help IT professionals and HK enterprises to better equip their businesses and departments for agile transformation.

- ☐ Professional Scrum Master
- ☐ Professional Scrum Master II
- ☐ Professional Scrum Product Owner
- ☐ Professional Scrum User Experience



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Agile-Scrum Way with Iterative Elaboration of User Stories

Leading an Effective ICT Product Development

PMP / PMI-ACP / PMI-PBA credential holders aiming at gaining 7 PDUs


In this intensive 1 day workshop, participants will learn the processes and techniques of Agile Scrum approach which progressively elaborates on user requirements for gaining approval from business and with sufficient details for iterative implementation in subsequent phases.



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Leading SAFe® Agilist Certification Programme

This course rides on SAFe® 5.0, which is the latest version released in Jan, 2020.

In this 2-day course, participants will gain the knowledge necessary to lead a Lean Agile enterprise by using the Scaled Agile Framework SAFe® and its underlying principles derived from Lean, systems thinking, Agile  development, product development flow and DevOps



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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.

Reindustrialisation and Technology Training Programme (RTTP) with up to 2/3 course fee reimbursement upon successful applications. For details: <https://rttp.vtc.edu.hk>.

DevOps

DevOps Foundation (DOFD[®])



The 2-days DevOps Foundation programme is intended to provide participants with an understanding of basic DevOps concepts and how DevOps may be used to improve communication, collaboration and integration between software developers and IT operations professionals. Participants will get to know how to improve workflows and in return improving their ability to design, develop, deploy and operate software and services faster.



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Scrum Developer with DevOps Training

- Full attendance can be awarded HKPC x Microsoft co-brand Certificate, and 21 PDUs can be earned for PMI credential holders



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DevOps Leader (DOL[®])

The DevOps Leader course is a unique and practical experience for participants who want to take a transformational leadership approach and make an impact within their organization by implementing DevOps.



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Site Reliability Engineering (SRE) FoundationSM

This course introduce the principles and practices that enable an organization to reliably and economically scale critical services. Introducing a site-reliability dimension requires organizational re-alignment, a new focus on engineering and automation, and the adoption of a range of new working paradigms



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Continuous Testing Foundation (CTF)SM

This comprehensive course addresses testing in a DevOps environment and covers concepts such as the active use of test automation, testing earlier in the development cycle, and instilling testing skills in developers, quality assurance, security, and operational teams



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Container Technology Series: Kubernetes (K8s)

- Kubernetes (K8s) 容器技術高流量數據處理
- Certified Kubernetes Administration (LSF458-CKA)



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Cloud

Essential Workshop for an accelerated path to successful Cloud Adoption

This workshop provides technical knowledge and guidance to help participants build a comprehensive approach to successful cloud adoption across their organisations and IT lifecycles.



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Advanced Microservices Certification Programme (2 Days)

The course provides a lot of hands on practices for participants to master the microservice approach for application development.



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Software Development

Improve the High-Quality Code Awareness of Development Workshop

We will discuss how to raise the awareness of code quality, from improving developers' morale, development team transformation, to recruitment best practice.



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React Native: Rapidly develop native iOS and Android apps with JavaScript

Learn about developing user interfaces with React Native's layout and component support, and accessing the capabilities of native mobile platform.



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Technical Training on UI/UX (2 Days)

Start by learning the practical UX design process, usability testing methodology, design tools and terminology to improve application adoption, customer satisfaction and workflow productivity.



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3 Days Intensive Technical Training for Certified Associate in Python Programming (PCAP)

Becoming PCAP certified ensures that the participant is fully acquainted with all the primary means provided by Python 3 to enable participants to start their own studies, and to open a path to the developer's career.



[Email us for early reservation](#)



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企業培訓「3送1」優惠

Low Code

Robotic Process Automation (RPA) Series

From Elementary to IT Professionals

- ☐ E4.0 RPA Hands-on Workshop (1 Day)
- ☐ Certificate on RPA for Executives: Start to Deploy a Robotic Workforce in Your Enterprise (2 Days)
- ☐ RPA 2.0: Advanced Troubleshooting Certification Training (2 Days)
- ☐ Blue Prism RPA Developer Certification Training (5 Days)



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E4.0: Low Code Software Development Hands-on Workshop (1 day)

This workshop allows you to gain an understanding of Low Code will become the software development trend of the future. Participants with software development experiences from any background, will be able learn to build full stack Web and Mobile Applications in this workshop.



Email us for early reservation

Special to HKCS members

- ❖ May enjoy up to HK\$300 Bookstore Coupon. **Promo Code: CS11HK2020**
- ❖ The **Certification of CPD hour can be earned** by each course hour.

Please visit: <http://www.hkcs.org.hk/continuous-professional-development-cpd/> for your information about CPD Hours.

Enrolment Methods

1. Scan the QR code to find the course and proceed 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 HKPC Academy, Hong Kong Productivity Council, 3/F, HKPC Building, 78 Tat Chee Avenue, Kowloon (attention to Ms Cherry LAM). Please indicate the course name and course code on the envelope.



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