

Emerging Technology Training Catalogue

- To Enable Your Digital Transformation Journey

Updated Version: 01 May 2021



UPCOMING FREE WEBINAR



免費網絡研討會

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Webinar

製造業轉型 – 踏上第一步！
分析過程自動化

Date and
Time

2021 年 5 月 21 日
15:00 - 15:45 (網上直播)

Fee

免費

NEW

一場突發疫情對各行業引發不同方面的挑戰，有數據顯示全球數碼轉型的步伐向前推進了超過5年的時間。雖然疫情催化全球數位轉型，但企業轉型仍面臨重重挑戰。其中一個重大的障礙是如何從數據中獲取有價值的洞察，為企業優化工序及創造價值。2021年5月21日，香港生產力促進局將夥拍領先數據分析軟件商 Alteryx，合辦「製造業轉型 – 踏上第一步！」免費網絡研討會，介紹如何善用政府資助，透過數碼轉型邁向工業4.0，分享如何利用數據分析工具解決市場上數據分析師不足的情況。

切勿錯過，費用全免，歡迎踴躍參加！

TRAINING HIGHLIGHTS



NO-CODE



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Course

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

Course fee

Original Price HK\$1,200
May apply up to HK\$400* subsidy

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

This workshop allows you to gain an understanding of Low Code, which will become the software development trend of the future. Delivered by highly experienced Low Code specialists using a mixture of presentations, case studies, practical demonstrations and exercises.

Learn how Low Code is used to empower Digital Transformation Journey of Enterprises!

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Schedule and Enrolment](#)

Big Data & AI

❑ **Big Data and Open-source Fundamentals Workshop (1 Day)**

This 1 day course will describe the new best practice in big data analytics and how big data impacts the technology ecosystem. You will get to know why and how the open-source movement impacts the technology ecosystem. This course will also explain the key factors to identify and use different data visualization technology to communicate data in context.

❑ **Python for Big Data Analytics Certificate Program (2 Days)**

This 2 days course will use Python as the programming language across all analytics processes. Upon completion of this course, you will be able to use Python in data prepping tasks and prepare models for predictive analytics. You will learn how to use Pandas and various Python libraries, everything from importing spreadsheet data to processing sets for time-series analysis, machine learning and even AI.



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❑ **Machine Learning Programming Workshop in Tensorflow, Keras and Pytorch**

This 1 day course will describe the application of Python programming using Tensorflow, Keras and Pytorch Libraries. Various innovative development approaches of machine learning and deep learning will also be covered.



❑ **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 helps 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.

❑ **Big Data & Artificial Intelligence: Deep Learning & Application (2 Days)**

Deep Learning Technology is a cross-discipline of technology among Big Data Analytics, Statistics and Neuroscience Technology. In this course, we will elaborate from the basics starting from big data machine learning concept, statistics methodology, and practical programmes running, commercial deployment for project managers.



❑ **Enterprise 4.0: Data Analytics in Power BI for Business Users Workshop (1 Day)**

It provides an overview of Power BI Desktop and the Power BI Cloud Service. Participants will equip themselves of full features of Business Intelligence and Data Literacy for model data-drive business.

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❑ **Enterprise 4.0: Certificate in Power BI for Data Analytics (2 Days)**

Participants will be able to analyze data from different data sources and create their own datasets; be able to comfortably work with the different tools of the Power BI universe and know how the different tools work together and dive deeper into Power BI and find out more about its advanced features.

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Agile & Scrum

Professional Scrum Series

PMI credential holders can earn 14 PDUs for each course attendance



We are living with 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 Academy 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 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
- Practical Training on Professional Scrum for Agile Transformation



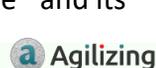
[Click Here](#)

It is a hands-on course that provides the knowledge needed to work with Scrum in a **highly practical way**. The course is a combination of instruction and team based exercises with actual Sprints. During the exercises, participants work in Scrum Teams over a series of Sprints to learn Scrum while using Scrum. Participants can experience first hand how the Scrum framework improves their ability to deliver value compared to traditional methods.

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®)



[Click Here](#)

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.

❑ Scrum Developer with DevOps Training

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



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Throughout the course, participants collaborate together as a team in a series of Sprints where they apply modern engineering practices, and use the Scrum framework to cope with changes.

❑ DevOps Leader (DOL®)

This 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



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This course introduces 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



❑ 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



[Click Here](#)



- DevOps Foundation Certification (DOFD)
- DevOps Leader (DOL)



Cloud

Container Technology Series: Kubernetes (K8s)

☐ Kubernetes (K8s) 容器技術高流量數據處理 (1 day)

Kubernetes能快速配置WordPress，利用WordPress作為應用場景，透過強大容器來處理每秒高達萬次的交易，從而認識高流量系統設計，亦可用作靈活電腦運算資源，減少資源浪費。

透過此課程，你將能利用Serverless K8s 實現從「零」到「WordPress」應用，也可認識如何進行Load Test。只需一天便能掌握！



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☐ Certified Kubernetes Administration (LSF458-CKA) (4 days)

This course offers exposure to the many skills necessary to administer Kubernetes in a production environment and is excellent preparation for the Certified Kubernetes Administrator (CKA) exam.



THE LINUX
FOUNDATION
开源软件大学

☐ Essential Workshop for an accelerated path to successful Cloud Adoption

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



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aws professional
services

NEW Services

智能電子商務
Whatsapp聊天機器人
數碼轉型部
實現數據化

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芝麻平台月費 (三個月)

加一小時服務諮詢

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芝麻平台訂閱服務及月費：
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多用戶登錄 (最多3個)
60筆交易
最多1000條WhatsApp訊息

每月港幣298元

聯絡我們

林小姐

電郵: ecinfo@hkpc.org

電話: 2788 5800

Cloud

Red Hat® Linux official Certified Administration (RHCSA)

This course combines Red Hat® System Administration I (RH124) and Red Hat® System Administration II (RH134), reviewing the tasks at an accelerated pace.

This course relates to Red Hat® Enterprise Linux® and is designed for experienced Linux system administrators.



Rapid Track Course for Red Hat Certified Specialist in OpenShift Administration

It is based on Red Hat® OpenShift® Container Platform 4.5 and combines the content from Red Hat® OpenShift® I: Containers & Kubernetes (DO180) and Red Hat® OpenShift® Administration II: Operating a Production Kubernetes Cluster (DO280).



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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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Certified Associate in Python Programming (PCAP)

A Preparatory Course for PCAP International Certification Examination

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 developer's career.



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Robotic Process Automation (RPA) Series

From Elementary to IT Professionals Empowered by



THE BEST RUN



☐ Enterprise 4.0 RPA Hands-on Workshop (1 Day)



The workshop allows you to gain an understanding of best practices that even seasoned developers can benefit from. Candidates without any technical experience, will have chances to build their very first robots for real world automation. The workshop is delivered by highly experienced RPA and sourcing specialists using a mixture of presentations, case studies, practical demonstrations and exercises.

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☐ Certificate on RPA for Executives: Start to Deploy a Robotic Workforce in Your Enterprise (2 Days)



This is an essential workshop for any executives and decision makers to plan and get started with RPA, automate many manual processes without investing a huge upfront cost.

- ✓ Guidelines on selecting the appropriate processes for automation
- ✓ How to prepare your Business Case for RPA and expected ROI
- ✓ Mapping existing process (As-Is) and planning to automated process (To-Be) with RPA
- ✓ Case sharing of actual deployment of successful RPA implementation
- ✓ 6 Hands on experience in automating processes by using RPA tool
- ✓ Build your first RPA project and learn how to monitor your Robot

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☐ RPA 2.0: Advanced Troubleshooting Certification Training (2 Days)



It is an in depth program that participants will learn the technical knowhow and gain knowledge in design, develop and implement RPA process in a RPA tool with hands on exercises. Participants shall be able to develop complex RPA projects and to understand troubleshooting skills. Bring in real RPA trouble cases to get professional insights.

☐ Blue Prism RPA Developer Certification Training (5 Days)



This course is custom-made for entry and associate level developers and can be given by anyone regardless of their technical background. Upon completion of the 5 days training, the participants will be "certification ready" and fully prepared to serve as a junior RPA developer capable of building enterprise grade automations for his or her company.



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企業培訓「3送1」優惠

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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.

Citizen Developer

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

This workshop allows you to gain an understanding of Low Code, which 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.

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All-day Workshop June 25

Web and Mobile Application Development with Emerging Low-Code Approach

Join us

IoT

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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)



This program aims at elaborating the core technologies, including RFID sensors, sensor networks and localization behind IoT and the applications in different scenarios derived from these technologies. It is suitable for any professional who wants to learn the application of IoT for designing a solution catering for specific needs.

❑ Technical Workshop on Machine learning for IoT Data (2 days)



The IoT will continue to deliver new opportunities for digital business innovation for the next decade. This technical course aims at elaborating the intelligence gathered by the sensing data through IoT sensors and platforms with a focus on different applicable and useful machine learning models to build smarter applications.

❑ IoT Certification Program: from Beginner to Advanced (5 days)



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It focuses on many hands-on practical exercises, including DIY sensor project, programming the weather station, and machine learning programs for IoT data. You will understand why we need a proper IoT platform and leverage it to manage multitude of devices, protocols and applications. Common IoT protocols such as HTTP, MQTT will be reviewed and compared.



IoT Certification Programme:
Start from Beginner to
Advanced Level in 5 Days

Guidance from industry experts
to transform your products to
Smart Devices.

Cyber Security

SecurityScorecard LITE

Know Your Company, **INSIDE OUT!**

Evaluate an organisation's security profiles non-intrusively by collecting its digital footprints exposed



For Enquiry, please contact Mr. Summ Chan at +852-2788 5857 or email to cybersec@hkpc.org

SERVICE HIGHLIGHTS

-  Enables organisations to **rate, understand, and monitor** the security risk of their organisations
-  **Non-intrusively** and from an outside-in perspective (same as a third-party or attacker)
-  **Easy to understand** A to F rating scale used to provide visibility of organisation's digital footprints in the cyber world
-  Categorized into **10 Risk Factors** in order to understand the weakest link in their networks



SERVICES INCLUDE

SecurityScorecard LITE includes the following services:

- **ONE (1) Full Report** per month
- **ONE (1) Hour Consultancy Service** per month to explain the findings and alerts from the report
- **Continuous** monitoring and alert

SecurityScorecard is trusted by hundreds of worldwide industry leaders



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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Supporting Organisations

