

資訊科技

Information Technology



創意科技 (榮譽) 理學士學位課程 (一年兼讀制)

BSc (Hons) Creative Technologies (One Year Part-time)

(EDB Registration No. 251541)

提升學歷，邁向更高

第 10 屆招生



開課日期
2012 年 2 月 1 日

簡介

職業訓練局才晉高等教育學院 (SHAPE) 現與英國 Coventry University 合辦 14 個月兼讀制「創意科技榮譽理學士學位」課程，內容涵蓋不同創意領域，包括 iPhone Apps 開發，動態圖像，創意產品推廣等。

Coventry University

Coventry University 是英國著名大學，創校於 1843 年，致力提供優質高等教育及研究工作。根據英國 Quality Assurance Agency (QAA) 的教學質素評估，Coventry University 的教學質素在多個領域上被評為「傑出」級別。

英國認可學位

本學位由 Coventry University 直接頒發，受英國 Higher Education and Funding Council for England (HEFCE) 及 Quality Assurance Agency (QAA) 監管及保證，在港取得之學位與英國本地三年全日制畢業生無異，畢業生獲本地大學碩士課程取錄。

課程特色

- 由英國及香港講師面授上課
- 學院提供充分支援，同學可享用全港各 IVE 圖書館及體育設施
- 由 PEAK 及 Coventry University 講師以面授形式授課，細心指導，畢業率接近 100%
- 修讀五科及一專題研習
- 電子圖書館方便同學進行資料搜集
- 學費較同類學位課程相宜
- 修讀時間較同類課程短

課程對象

IVE、PEAK、PolyU、CityU、CUHK-SCS、HKUSPACE、NCC 等學院的資訊科技 / 多媒體副學士、高級文憑或專業文憑畢業生

課程結構

學員需修讀五個學科及一項專題研習，所有單元由 PEAK 及 Coventry University 導師以面授形式教授，讓學員有更多機會與導師交流。

Module Code	Module Name	Credits	Remarks
203CR	Usability	20	
220CR	XML Technology	20	
303CR	Advanced Multimedia Technology	20	
307CR	Interactive Pervasive Computing	20	
320CR	Concept Development and the Marketplace	20	
310CR	Creative Project	40	

詳細內容

www.peak.edu.hk/course/ITBSC.html

Code 編號	Course Information 課程資料	Fee 學費	Remarks 備註
ITBSC (第 10 屆)	「創意科技榮譽理學士學位」課程 日期：1.2.12 - 23.3.13(逢星期二、四晚) 時數：14 個月	HK\$55,000 (扣除 CEF 後，實繳學費 HK\$48,700)	學費分四期繳付

查詢及報名

譚小姐 (2836 1978, tamhy@vtc.edu.hk) 朱先生 (2836 1898, cliffchu@vtc.edu.hk)

ITS37 遊戲設計及製作專業文憑 (第 52 期)

將興趣發展成事業，政府資助一萬元，助你進修及入行！

新加入 iPhone, iPad, Android 手機遊戲設計內容

課程特色

- 自 2004 年起，本課程已提供超過 100 個實習名額，當中不少更獲遊戲公司聘為全職僱員。
- 本課程不斷革新，最新加入 iPhone, iPad, Android 手機遊戲設計內容，回應市場需求。

課程目標

- 本課程系列是目前本港最全面之遊戲製作專業文憑課程之一
 - ITS37 課程教授遊戲設計基要技術：包括遊戲結構、線上遊戲設計、Android 及 Java 手機遊戲設計、及 3D 遊戲設計。
- 銜接「創意科技榮譽理學士學位」課程

ITS37 遊戲設計及製作專業文憑

創意科技(榮譽)理學士學位課程
(9 個月 Full-time/14 個月 Part-time)
<http://www.peak.edu.hk/course/itbsc.htm>
詳情請與譚小姐聯絡，電話 2836-1978，
電郵 tamhy@vtc.edu.hk

- 學費資助
所有課程均為政府持續進修基金 (CEF) 的資助課程，可獲 10,000 元學費津貼。此外，學員亦可申請政府學生資助辦事處的「免入息審查貸款」(NLS) 交付全數學費，或以信用咭免息分期。
- Motion-Capture Lab 實習
所有學員會到 motion-capture 實驗室親身學習 3D 影像捕捉的技巧，ITS39 學員更會使用 3D 立體掃描室學習立體掃描技術。
- 工作實習及就業
Opus Studio Co. Ltd. 及 Firedog Studio 將視乎同學之表現，於班上揀選合適學員，提供一個月有薪實習，並會聘用表現良好之學員。憑着學員個人的努力，以及導師的悉心教導，至今已有多名學員循此途徑晉身遊戲界，將興趣化成事業，實踐理想。
- 免費旁聽
為了使同學能徹底明白課程內容，同學可於下一班免費旁聽。

合作伙伴



專業導師

Gabriel Pang「火狗工房」營運總監

香港數碼娛樂協會主席，行銷日本遊戲《愛神餐館》總設計師，作品《緋雪千夜》曾獲「香港資訊及通訊科技獎 - 數碼娛樂軟件」三項優異獎，有豐富遊戲設計及教學經驗。



Dennis Lai Opus Studio 營運總監

數個著名線上遊戲總設計師，作品屢獲數碼娛樂獎項。



Chris Fan

數個著名線上遊戲之 3D 圖像及動畫設計師，作品屢獲數碼娛樂獎項，有豐富 3D 模型動畫製作及教學經驗。



Leslie Tsang

資深電腦軟件設計師，曾創作電腦遊戲並入選美國 PC Magazine 年度益智類最後 5 強，到美國出席頒獎典禮；其主力製作之手機應用程式曾奪得本港「ICT Awards 企業應用方案金獎」及「Asia-Pacific ICT Awards 金獎」。



學員心聲



張衍銘，第 47 屆學生，經實習計劃於 2011 年 5 月正式加入 Gameone Online Technology Limited 成為全職初級遊戲設計師，參予設計網上遊戲「武林歷險」。

「在完成課程前，只知道怎樣去玩遊戲，連遊戲製作的過程都不知道。但經過這個課程，令我對業界的認知更深。課程中更有工作坊去令我體驗遊戲設計的好玩之處，亦在工作坊應用到在課程中學到的遊戲設計的概念和技巧。完成工作坊令我對遊戲設計的興趣大大增加」

查詢

Ocean Sung (Tel: 2836 1205, Email: yysung@vtc.edu.hk), Cliff chu (Tel: 2836 1898, Email: cliffchu@vtc.edu.hk)

ITS37 遊戲設計及製作專業文憑 (第 52 期) www.peak.edu.hk/course/its37.html	3.1.12 - 11.12.12 (逢星期二、四晚)	6:30pm - 9:30pm 共 80 堂 (240 小時)	\$32,800 Net \$22,800 after CEF	
ITS32 線上遊戲 MMORPG 設計及製作專業課程	3.1.12 - 15.3.12	20 lessons	\$12,500 (Net \$2,500 after CEF)	
ITS35 iphone + ipad, Android 手機遊戲設計及製作專業課程	10.4.12 - 19.6.12	20 lessons	\$12,500 (Net \$2,500 after CEF)	
ITS26 電腦遊戲結構及設計專業課程	3.7.12 - 6.9.12	20 lessons	\$12,500 (Net \$2,500 after CEF)	
ITS33 3D 遊戲人物設計專業課程	2.10.12 - 1.12.12	20 lessons	\$12,500 (Net \$2,500 after CEF)	
ITS37 遊戲設計及製作專業文憑 (第 53 期) www.peak.edu.hk/course/its37.html	10.4.12 - 14.3.13 (逢星期二、四晚)	6:30pm - 9:30pm 共 80 堂 (240 小時)	\$32,800 Net \$22,800 after CEF	



ITS10 Prof Certificate in 3-Tier Website Design & Development Using Java: Project-Based (29th Intake)

Introduction



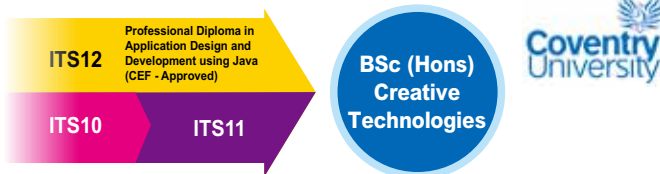
In response to the strong demand on professional Java specialists, PEAK offers this practical training course for learners who want to acquire the hands-on skills in designing and building Website using Java technology. This is an intensive training course that covers the essential breadth and depth of the technology. It is composed of five modules and one project.

Features

- Comprehensive contents

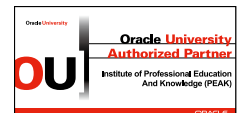
ITS10 is one of the most comprehensive Java training courses available in town, covering Java SE, Java EE, JSP, EL, Servlet, EJB, MVC frameworks of Struts 2, JSF, Spring 2, Webpage design, and Open-sourced tools of NetBeans, Hibernate, JUnit, JBoss, Glassfish, Toplink & MySQL.

- Upgrade Path to the Top-up Degree



- Oracle Workforce Development Programme (WDP)

This programme includes one Java course from Oracle University under the WDP. Students will obtain completion certificate jointly issued by PEAK and Oracle WDP, and enjoy 20% discount on Java examination voucher.



- Oracle Certified Java Programmer Training - Oracle SL-275

- Free Re-sit

To ensure the full understanding of the programme contents, and to capture the benefit of our continuous course enhancements, all students can apply for the free re-sit in the next class.

- Scholarship

The HKMA Information Technology Management Club Scholarship (\$6,000) will be awarded to the best student of the year.

Course Details

www.peak.edu.hk/course/its10.html

Class Schedule

ITS10 Professional Certificate in 3-Tier Website Design and Development using Java: Project-Based (29th Intake)	Date: 13.2.12 - 10.10.12 (every Mon & Wed evening)	50 lessons	\$16,800 Net \$6,800 after CEF	
IT300 Oracle Certified Java Programmer Training (Oracle Authorized: SL-275)	13.2.12 - 21.3.12	10 lessons	\$4,600	
IT648 Web Server Programming with Servlet and JSP	2.4.12 - 14.5.12	10 lessons	\$3,600	
IT649 MVC Frameworks Using JSF, Struts 2 and Spring 2	21.5.12 - 20.6.12	10 lessons	\$3,600	
IT372 Develop EJB Applications Using Glassfish with Toplink and JBoss with Hibernate	2.7.12 - 1.8.12	10 lessons	\$3,600	
IT650 Webpage Design using Dreamweaver and Fireworks with HTML 5	13.8.12 - 12.9.12	10 lessons	\$3,600	

Enquiry

Ocean Sung (Tel: 2836 1205, Email: yysung@vtc.edu.hk), Cliff Chu (Tel: 2836 1898, Email: cliffchu@vtc.edu.hk)

ITS35 iPhone • iPad • Android 手機遊戲設計及制作專業課程 (CEF Approved)

課程特色

本課程以 iPhone • iPad • Android 手機遊戲設計為主，教授手機遊戲市場及技術的最新發展，開發平台，不同技術之手機遊戲；特別針對 iPhone • iPad • Android 遊戲設計及圖像設計，最新之手機遊戲設計，以及教導學員開展手機遊戲事業的商業模型。

課程目的

完成課程後，學員將會掌握 iPhone • iPad • Android 手機遊戲從設計至發佈的整個流程。

適合報讀人士

對 iPhone • iPad • Android 手機 Apps 或遊戲設計有興趣之人士。

學費資助

扣除 CEF 10,000 元津貼後，實質繳付學費 2,500 元。學員亦可申請「免入息審查貸款」交付全部學費。

免費旁聽

為了讓同學能徹底明白課程內容，同學可於下一班免費旁聽（在座位許可情況下）。

兼讀課程

於工餘時間授課，方便在職人士。

內容

Part A. iPhone 及 iPad 遊戲設計及製作

1. 不同手機遊戲平台
2. iOS 4.x 系統之特色
3. 遊戲設計
4. 用戶界面
5. 可輕觸層 (Cocoa Touch)
6. 多點觸控事件和控制 (Multi-touch events and controls)
7. 加速支援 (Accelerometer support)
8. 圖像處理
9. Timer 之使用
10. 遊戲狀態之存取
11. 二維圖像
12. 動畫
13. 三維圖像
14. 聲音效果
15. 遊戲發佈及推廣

Part B. Android 遊戲設計及製作

1. Installation of Android SDK
2. Android Application Activity, Services and Life Cycle Fundamental
3. Android Game Graphics, animation and media
4. Android Database and networking fundamental
5. Android Object Oriented Game Design with Game API
6. Android Shooting Game Design and Practical Exercise
7. Android Multi-touch and design and Game Design Practice and Exercise
8. Android motion detection based game design Practice and Exercise
9. Android Game Design Practice and Assignment
10. Android Game deployment and Business Model

專業導師



Leslie Tsang

- 資深電腦軟件開發設計師及手機遊戲設計師，擁有多項 IT 專業資格，及豐富教學經驗
- 曾任多份本地報章雜誌電腦專欄作家，包括【東方日報】，【星島電腦廣場】等
- 曾創作電腦遊戲程式入選美國 PC Magazine 年度益智類最後 5 強，獲邀到美國出席頒獎典禮
- 主力製作之手機應用程式 MyClick 曾先後奪得本港「ICT Awards 企業應用方案金獎」及「Asia-Pacific ICT Awards 金獎」

Schedule

單元名稱	上課日期	Fee
ITS35 iPhone • iPad • Android 手機遊戲設計及制作專業課程 (CEF Approved)	日期：10.4.12 - 19.6.12(逢星期二、四) 時間：7:00pm - 10:00pm 時數：60 hours (20 lessons)	HK\$2,500 (扣除 CEF 後) 本單元以工作坊形式授課，一人一 Mac 機
ITS86 iPhone + iPad 遊戲設計及制作 (CEF Approved)	日期：10.4.12-15.5.12(逢星期二、四) 時間：7:00pm - 10:00pm 時數：30 小時 (共 10 堂)	HK1,160 (扣除 CEF 後) 本單元以工作坊形式授課，一人一 Mac 機
IT764 iPhone 遊戲設計及制作	日期：10.4.12-24.4.12(逢星期二、四) 時間：7:00pm - 10:00pm 時數：15 小時 (共 5 堂)	HK\$2,900 本單元以工作坊形式授課，一人一 Mac 機
IT765 iPad 遊戲設計及制作	日期：26.4.12-15.5.12(逢星期二、四) 時間：7:00pm - 10:00pm 時數：15 小時 (共 5 堂)	HK\$2,900 本單元以工作坊形式授課，一人一 Mac 機

Enquiry

Ocean Sung (Tel: 2836 1205, Email: yysung@vtc.edu.hk), Cliff Chu (Tel: 2836 1898, Email: cliffchu@vtc.edu.hk)

IT655 OCP 11g 全科班 (CEF Approved)

升職、加薪、跳槽，你準備好未？

課程內容

使用 Oracle 三套官方教材：

- Introduction to SQL
- Administration Workshop I
- Administration Workshop II

另加 PEAK 教材

- HTML5 及 JSP 網頁開發

OCP 考試課堂證明

課程符合 Oracle hands-on course requirement for examination

考試券優惠

同學可 8 折購買 OCP 考試券 (1Z0-51, 1Z0-52, 1Z0-53)，每券售 HK\$775

免費旁聽

為了讓同學能徹底明白課程內容，同學可於下一班自備教材免費旁聽（在座位許可情況下）。

兼讀課程

於工餘時間授課，方便在職人士。

「持續進修基金」(CEF) 課程

OCP 11g 全科班 (IT655) 為 CEF 核准課程，學員完成本課程後，可申請政府「持續進修基金」(CEF) 發還 9,520 元學費資助。此外，學員更可申請「免入息審查貸款」支付全數學費。

ORACLE® WORKFORCE DEVELOPMENT PROGRAM

PEAK 為 ORACLE WDP 認可培訓中心

Oracle 11G
Introduction
to SQL

Oracle 11G
Administration
Workshop I

Oracle 11G
Administration
Workshop II


課程證書

由 Oracle WDP 及 PEAK 聯合頒發

課程網址

www.peak.edu.hk/course/it655.html

Schedule

Code 編號	Course Information 課程資料	Fee 學費	Remarks 備註
IT655	<p>OCP 11g 全科班 - Web Application Development using Oracle Database 11g and HTML5</p> <p>Date: 12 Mar 2012 - 22 Aug 2012</p> <p>Time: 7-10pm (Mon & Wed)</p> <p>Hours: 120 hrs, 40 lessons</p>	<p>HK\$11,900</p> <p>HK\$2,380 (after CEF)</p>	

Enquiry

Ocean Sung (Tel: 2836 1205, Email: yysung@vtc.edu.hk) or Cliff Chu (Tel: 2836 1898, Email: cliffchu@vtc.edu.hk)

IT300 Oracle Certified Java Programmer Training (Oracle Authorized: SL-275)

Introduction



With the overwhelming popularity of Java, nowadays developers and companies seeking to remain on the cutting-edge of IT must have superior Java skills. Partnering quality training from PEAK and Java technology from Oracle, this course aims at providing participants with essential Java programming techniques AND preparing them to get certified as a "Certified Java Programmer" of Oracle.

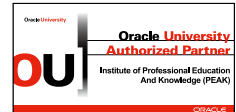
Objectives

Upon completion of the course, students should be able to

- Create Java technology applications that leverage the object-oriented features of the Java language, such as encapsulation, inheritance, and polymorphism
- Execute and run a Java technology application from the command line
- Use Java technology data types and expressions
- Use Java technology flow control constructs
- Use arrays and other data collections
- Implement error-handling techniques using exception handling
- Create event-driven graphical user interface (GUI) using Java technology GUI components: panels, buttons, labels, text fields, and text areas
- Implement input/output (I/O) functionality to read from and write to data and text files.
- Create multithreaded programs
- Create a simple Transmission Control Protocol/Internet Protocol (TCP/IP) networked client that communicates through sockets

Oracle Workforce Development Program (WDP)

Under the Oracle Workforce Development Programme, PEAK students will obtain an attendance certificate jointly issued by PEAK and Oracle WDP.



- Oracle Certified Java Programmer Training - Oracle SL275

Furthermore, students can enjoy 20% discount on Java examination voucher.

Course Details

www.peak.edu.hk/course/it300.html

Contents

- | | | | |
|-------------------------------------|------------------------------|----------------------------|--------------------------|
| 1. Getting Started | 5. Arrays | 9. Text-Based Applications | 13. Threads |
| 2. Object-Oriented Programming | 6. Class Design | 10. Building Java GUIs | 14. Advanced I/O Streams |
| 3. Identifiers, Keywords, and Types | 7. Advanced Class Features | 11. GUI Event Handling | 15. Networking |
| 4. Expressions and Flow Control | 8. Exceptions and Assertions | 12. GUI-Based Applications | |

Schedule

Code 編號	Course Information 課程資料	Fee 學費	Remarks 備註
IT300	Oracle Certified Java Programmer Training (Oracle Authorized: SL-275) 日期：23.2.12 - 21.3.12 (Every Mon & Wed) 時間：7:00pm - 10:00pm 時數：30 hours (10 lessons)	HK\$4,600	

Enquiry

Ocean Sung (Tel: 2836 1205, Email: yysung@vtc.edu.hk), Cliff Chu (Tel: 2836 1898, Email: cliffchu@vtc.edu.hk)

IT648 Web Server Programming with Servlet and JSP

Introduction

JSP and Servlets are the two key Web-Tier technologies defined in the Java EE standard. Students will learn to use JSP, Servlets and related Web technologies to create Web-Tier applications at ease. Hands-on lab exercises using NetBeans IDE are provided to reinforce the concepts covered in the lectures.

Objectives

Upon completion of the course, students should be able to

- Use servlets to develop Web-Tier applications
- Build Web applications using session tracking, filters, and database integration
- Use JSP to develop Web-Tier applications
- Build JSP pages using the Expression Language (EL) and JSP Standard Tag Library (JSTL)

Course Details

www.peak.edu.hk/course/it648.html

Contents

1. Overview on Key Technologies

- Overview on Web server programming technologies:
- Overview on Java EE and application server

2. Understanding Servlets

- HTTP Basics
- Servlet Basics
- Registering Servlets
- Servlet Life Cycle
- Handling Form Data

3. The Request Object

- Environment information

4. Generating Other Responses

- Forwarding/Redirecting Requests
- Generating GIF images

5. Session Tracking Techniques

- Various Session Tracking Techniques
- Session Tracking API

6. Servlet and Filters

- How to write a filter
- Modifying a response

7. JSP Basic

- What is JSP?
- Why JSP?
- How to develop and deploy JSP?
- Setup & customization
- JBoss Overview
- Eclipse Overview

8. Understanding JavaServer Pages

- JSP Fundamentals
- JSP Scripting Elements
- JSP Page Directive
- Including Files
- JavaBeans with JSP
- Expression Language (EL)
- JSP Standard Tags Library (JSTL)
- Custom JSP Tags

9. Deploying Java EE applications to JBoss

- Web application and structure
- JSP application
- Servlet application

Schedule

Code 編號	Course Information 課程資料	Fee 學費	Remarks 備註
IT648	Web Server Programming with Servlet and JSP Date: 2.4.12 - 14.5.12 (Every Mon & Wed) Time: 7:00pm - 10:00pm Duration: 30 hours (10 lessons)	HK\$3,600	

Enquiry

Ocean Sung (Tel: 2836 1205, Email: yysung@vtc.edu.hk), Cliff Chu (Tel: 2836 1898, Email: cliffchu@vtc.edu.hk)

IT653 Portal Administration using Liferay and OOA&D using UML (Oracle OO-226 included)

Objectives

1. Administer the setup and customization of a portal server's portal pages, user accounts, and forums;
2. Manage a portal server's collaborations, Blogs and contents;
3. Describe the object-oriented software development process, including object-oriented methodologies and workflows.
4. Gather system requirements through interviews with stakeholders.
5. Analyze system requirements to determine the use cases and domain model of the problem domain (the Requirements model).
6. Create a system architecture (the Architecture model) supporting the nonfunctional requirements (NFRs) and development constraints.
7. Create a system design (the Solution model) supporting the functional requirements (FRs).

Oracle Workforce Development Programme (WDP)

This course has included one Java course from Oracle University. Upon successful completion of this course, students will obtain an attendance certificate jointly issued by PEAK and Oracle WDP.

- OO Applications Analysis and Design using UML - Oracle OO-226



Course Details

www.peak.edu.hk/course/it653.html

Contents

A. Portal Administration

1. Liferay introduction and installation
2. Creating Portal pages
3. User Account management, creating discussion forums, and collaborations
4. Implementing Blogs, Wiki and Shared Calendar
5. Managing contents

B. OOA&D using UML

1. Overview of software development process and OO technology
2. Use case diagrams
3. Key abstractions and problem domain model
4. Analysis model and fundamental architecture concepts
5. Architecture model for the client and presentation tier, business tier, and resource tier
6. Solution model, design model and design patterns

Schedule

Code 編號	Course Information 課程資料	Fee 學費	Remarks 備註
IT653	Portal Administration using Liferay and OOA&D using UML (Oracle OO-226 included) 日期：24.4.12 - 29.5.12 (Every Tue & Thu) 時間：7:00pm - 10:00pm 時數：30 hours (10 lessons)	HK\$4,600	

Enquiry

Ocean Sung (Tel: 2836 1205, Email: yysung@vtc.edu.hk), Cliff Chu (Tel: 2836 1898, Email: cliffchu@vtc.edu.hk)

IT379 OO Application Analysis & Design Using UML (Oracle OO-226)

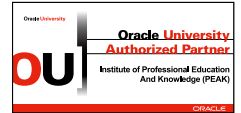
Objectives

1. Describe the object-oriented software development process, including object-oriented methodologies and workflows.
2. Gather system requirements through interviews with stakeholders.
3. Analyze system requirements to determine the use cases and domain model of the problem domain (the Requirements model).
4. Create a system architecture (the Architecture model) supporting the nonfunctional requirements (NFRs) and development constraints.
5. Create a system design (the Solution model) supporting the functional requirements (FRs).

Features

Oracle Workforce Development Programme

This course is equivalent to the Oracle UML course OO-226. Upon successful completion of the course, students will obtain a completion certificate jointly issued by PEAK and Oracle WDP.



Course Details

www.peak.edu.hk/course/it379.html

Contents

- | | |
|---|---|
| 1. Introducing the Software Development Process | 11. Introducing Fundamental Architecture Concepts |
| 3. Choosing an Object-Oriented Methodology | 12. Exploring the Architecture Workflow |
| 4. Determining the Project Vision | 13. Creating the Architectural Model for the Client and Presentation |
| 5. Gathering the System Requirements | 14. Creating the Architectural Model for the Business Tier |
| 6. Creating the Initial Use Case Diagram | 15. Creating the Architectural Model for the Resource and Integration Tiers |
| 7. Refining the Use Case Diagram | 16. Creating the Solution Model |
| 8. Determining the Key Abstractions | 17. Refining the Domain Model |
| 9. Constructing the Problem Domain Model | 18. Applying Design Patterns to the Solution Model |
| 10. Creating the Analysis Model Using Robustness Analysis | 19. Modeling Complex Object State Using Statechart Diagrams |

Schedule

Code 編號	Course Information 課程資料	Fee 學費	Remarks 備註
IT379	OO Application Analysis & Design Using UML (Oracle OO-226) 日期：24.4.12 - 10.5.12 (Every Tue & Thu) 時間：7:00pm - 10:00pm 時數：15 hours (5 lessons)	HK\$2,800	

Enquiry

Ocean Sung (Tel: 2836 1205, Email: yysung@vtc.edu.hk), Cliff Chu (Tel: 2836 1898, Email: cliffchu@vtc.edu.hk)

IT652 Web 2.0 Applications Development Using AJAX

Introduction

Web 2.0 has brought tremendous potential to corporations of all sizes. The Web has evolved from being a data publishing, into a platform of collaboration and participation. AJAX (Asynchronous JavaScript and XML) provides developers a new approach of developing light-weighted and rich-content Web clients. There are some useful toolkits which help to inject AJAX capabilities into Web pages easily. This course introduces Web 2.0 fundamentals, Javascript and CSS basics, AJAX programming fundamentals, design patterns and best practices, and the use of DOJO, JSON and EXTJS to generate AJAX calls at ease.

Objectives

Upon completion of the course, students should be able to

1. understand Web 2.0 and its implications
2. strengthen the understanding on HTML
3. understand the client-side programming language JavaScript
4. apply JavaScript to call AJAX
5. use DHTML and DOM scripting in Webpage programming
6. apply CSS in creating Webpages
7. understand AJAX technology and use AJAX to create rich Web applications
8. learn the best practices in coding AJAX
9. use DOJO, JSON and EXTJS framework to speed up AJAX development

Course Details

www.peak.edu.hk/course/it652.html

Contents

1. Introduction to HTML, JavaScript, DOM and CSS
2. Web 2.0 Overview
3. AJAX Introduction
4. AJAX Development
5. Design Pattern and Best Practice
6. DOJO, JSON and EXTJS

Schedule

Code 編號	Course Information 課程資料	Fee 學費	Remarks 備註
IT652	Web 2.0 Applications Development Using AJAX 日期：13.3.12 - 12.4.12 (Every Tue & Thu) 時間：7:00pm - 10:00pm 時數：30 hours (10 lessons)	HK\$3,600 Net \$1,800 after NTTS	

Enquiry

Ocean Sung (Tel: 2836 1205, Email: yysung@vtc.edu.hk), Cliff Chu (Tel: 2836 1898, Email: cliffchu@vtc.edu.hk)

IT536 - Professional Training on Associate Project Manager (For CPIT Examination)

Introduction

This course is designed for IT professionals who need a basic understanding of the prevailing guideline and body-of-knowledge in project management (*i.e.* PMBOK version 4) in order to better equip themselves for their project management careers. The course contents also have very high correlation to Group A of the HKITPC's CPIT (APM) examination syllabus. (www.hkitpc.org)

The course is taught by instructor(s) who is(are) experienced project management practitioners, and certified PMP's (*Project Management Professionals*).

Target Audience

Project practitioners, systems analysts, business analysts, in particular those preparing for professional examination(s) in the project management arena.

Delivery Format

Lectures, group discussions, individual exercises, mock test

Course Contents

1. Introduction

- Introduction to project management
- Current standards, guidelines, or body of knowledge for the project management profession (*i.e.* ISO, PRINCE, PMBOK, others)
- About project management credentials & the HKITPC CPIT (APM) examination

2. The Project Management Context

- Project Life Cycle
- Project Organization
- Key processes & Knowledge areas

3. Project Integration Management

- Develop Project Charter
- Develop Project Management Plan
- Direct and Manage Project Execution
- Monitor & Control Project Work
- Perform integrated change control
- Close Project or phase

4. Project Scope Management

- Collect requirements
- Define scope
- Create WBS
- Verify scope
- Control scope

5. Project Time Management

- Define activities
- Sequence activities
- Estimate activity resources
- Estimate activity durations
- Develop schedule
- Control schedule

6. Project Cost Management

- Estimate costs
- Determine budget
- Control costs

7. Project Quality Management

- Plan quality
- Perform quality assurance
- Perform quality control

8. Human Resources Management

- Develop human resources plan
- Acquire project team
- Develop project team
- Manage project team

9. Project Communications Management

- Identify stakeholders
- Plan communications
- Distribute information
- Manage stakeholders' expectations
- Report performance

10. Project Risk Management

- Plan risk management
- Identify risks
- Perform qualitative analysis
- Perform quantitative analysis
- Plan risk response
- Monitor and control risks

11. Project Procurement Management

- Plan procurements
- Conduct procurements
- Administer procurements
- Close procurements

12. Contract & Legal, Local Law

Local regulations and practices relevant to contracts & project management

13. Summary

Mock test

Schedule

Code 編號	Course Information 課程資料	Fee 學費	Remarks 備註
IT536	Professional Training on Associate Project Manager (For CPIT Examination) Date: 10, 17, 24 March (Sat) Time: 9:30am - 12:30pm, 1:30pm - 4:30pm Contact Hours: 18	HK\$3,600	

Enquiry

Tel : 2836 1832 (Mr. Y. C. Li) or 2919 1546 (Miss Icy CHU)

Email : ycli@vtc.edu.hk or icychu@vtc.edu.hk

IT537 - Professional Training on Business Analyst (For CPIT Examination) [Based on BABOK V2.0]

Introduction

Business analysis addresses an organization's business needs and is essential in the building of strategic corporate processes and solutions. It involves a set of well-defined knowledge and skills that combine topics from the business arena and a technical discipline (e.g. information technology) necessary for the construction of those processes and solutions. By grasping these knowledge and skills, business analysts can contribute significantly to successful projects and the products they create. This course is designed to elaborate these generally accepted knowledge and skills, and prepare for HKITPC's CPIT (BA) examination. (www.hkitpc.org)

Target Audience

- Fresh personnel taking up the Business Analyst role either as a new entrant or because of role-switching within an organization.
- Experienced BAs and project managers who want a more formal and industry-standard business analysis approach
- Potential candidates for a professional examination like CPIT (BA) or CBAP.

Delivery Format

- Lectures,
- Group discussions (mini case-studies),
- Individual exercises to help assimilate the concepts and techniques learned, and
- Mock test(s) based on the syllabus of a professional examination in the area of business analysis

Course Contents

1. Introduction

- The challenges of business analysis and the roles of business analysts
- The interface between business analysis, systems analysis, and project management

2. Emergence of Business Analysis as a profession and the certification programs

- BABOK overview
 - Knowledge areas, tasks, and techniques
 - The CBAP credential and examination
- HKITPC (CPIT)
 - Competency areas
 - The CPIT (BA) credential and examination

3. Business Analysis Planning and Monitoring

- Plan Business Analysis Approach
- Conduct Stakeholder Analysis
- Plan Business Analysis Activities
- Plan Business Analysis Communication
- Plan Requirements Management Process
- Manage Business Analysis Performance

4. Elicitation

- Prepare for Elicitation
- Conduct Elicitation Activity
- Document Elicitation Results
- Confirm Elicitation Results

5. Requirements Management and Communication

- Manage Solution Scope & Requirements
- Manage Requirements Traceability
- Maintain Requirements for Re-use
- Prepare Requirements Package
- Communicate Requirements

6. Enterprise Analysis

- Define Business Need
- Assess Capability Gaps
- Determine Solution Approach
- Define Solution Scope
- Define Business Case

7. Requirements Analysis

- Prioritize Requirements
- Organize Requirements
- Specify and Model Requirements
- Define Assumptions and Constraints
- Verify Requirements
- Validate Requirements

8. Solution Assessment and Validation

- Assess Proposed Solution
- Allocate Requirements
- Assess Organizational Readiness
- Define Transition Requirements
- Validate Solution
- Evaluate Solution Performance

9. Underlying Competencies

- Analytical Thinking and Problem Solving
- Behavioral Characteristics
- Business Knowledge
- Communication Skills
- Interaction Skills
- Software Applications

10. Techniques

- Overview of the techniques that business analysts are reasonably expected to be familiar with (e.g. referenced in the BABOK)
- Elaboration of some of these techniques in greater depth as warranted by a particular methodology or business domain.

11. Summary

- Mock test on the participants' understanding about generally acceptable business analysis practices (based on BABOK 2.0), or
- Mock test based on the syllabus of the CPIT(BA) examination

Schedule

Code 編號	Course Information 課程資料	Fee 學費	Remarks 備註
IT537	Professional Training on Business Analyst (For CPIT Examination) Date: 11, 18, 25 Feb (Sat) Time: 9:30am - 12:30pm, 1:30pm - 4:30pm Contact Hours: 18	HK\$3,600	

Enquiry

Tel : 2836 1832 (Mr. Y. C. LI) or 2919 1546 (Miss Icy CHU)

Email : ycli@vtc.edu.hk or icychu@vtc.edu.hk

Developing Facebook Apps

Introduction

Facebook has become an essential communication, collaboration, and marketing tool. It is estimated that everyday 3.5 million people join as new member of Facebook. Developing Facebook Apps thus becomes very popular for both companies and individuals.

Who should attend

Anyone who is interested in developing Facebook Apps

Objectives

To equip the participants with practical skills in developing Facebook Apps

Upon completion of the course, it is expected that the participants can:

1. understand key concepts and principles of Facebook Apps process;
2. use FBML, JavaScript, PHP, Facebook API, Graph API and FQL to develop Facebook Apps

Contents

- Facebook application fundamental
- Facebook development tools
- Applying free hosting for Facebook Apps
- PHP basics
- How to become a Facebook developer
- Facebook API
- Facebook Markup Language (FML)
- Javascript basics
- Graphics API
- Canvas
- Accessing user profiles
- Facebook Query Language (FQL)
- Writing Facebook Apps for marketing
- Sample Apps for reference

Course Fee

HK\$2,160

Schedule

Code 編號	Course Information 課程資料	Fee 學費	Remarks 備註
IT361	Developing Facebook Apps Date: 1.2.12 - 17.2.12 (Wed, Fri) Time: 6:45pm - 9:45pm Duration: 18 hours	HK\$2,160	

Enquiry

Mr. Ocean Sung (Tel: 2836 1205, yysung@vtc.edu.hk), Mr. YC Li (Tel: 2836 1832, ycli@vtc.edu.hk)

Developing Web Applications Using PHP and MySQL

Introduction

In recent years, the combined use of PHP and MySQL is the most convenient, cost effective and relatively easy-to-master approach in developing dynamic, database-driven Web applications. PHP and MySQL are basically open source software/packages, thus are free to implement and become the popular option in Web application development.

Who should attend?

Anyone who is interested in using PHP and MySQL to develop Web applications

Objectives

To equip the participants with practical skills in developing Web-based database applications with PHP and MySQL.

Upon completion of the course, it is expected that the participants can:

- understand key concepts and principles of PHP and MySQL
- know how to build interactive Web-based database applications

Contents

- The trends and updates on Web application development
- Introduction and installation of phpMyAdmin, Apache and MySQL
- Understand classes and objects - properties and methods
- How to write PHP programs by using DreamWeaver CS5
- PHP basics - constant, string and variable
- PHP operators and operand
- PHP if-then-else, switch and looping(while, do while and for)
- PHP arrays
- PHP functions
- PHP forms
- PHP include
- PHP's Cookie, Session and Header
- Using PHP to add, delete, modify and query records (MySQL connect, MySQLcreate, MySQL select, MySQL delete)
- Using MySQL to create database
- Using MySQL to create table with index
- Using MySQL to add, delete and modify fields.
- Using MySQL to add, delete and modify records
- Using MySQL to query records
- Real life examples in using PHP and MySQL
- Mini-project for skills and knowledge consolidation

Schedule

Code 編號	Course Information 課程資料	Fee 學費	Remarks 備註
IT362	Developing Web Applications Using PHP and MySQL (18 hours) Date: 6.3.12 - 22.3.12 (Tue, Thu) Time: 6:45pm - 9:45pm Duration: 18 Hours	HK\$2,160	

Enquiry

Mr. Ocean Sung (Tel: 2836 1205, yysung@vtc.edu.hk), Mr. YC Li (Tel: 2836 1832, ycli@vtc.edu.hk)

Maya 立體模型動畫設計及數碼影像合成製作專業證書

Course Objectives

The course aims at providing professional 3D design and animation production training with the Hollywood class computer software "MAYA". This course covers theory and technique in 3D modeling, scene design, animation rendering, effect generation, atmosphere and lighting design, skeleton design and motion control. Students will learn practical skills in the design of 3D animation and video production using cutting-edge technology in order to be competitive in the industry.

Who Should Attend?

Anyone interested in producing high quality 3D animation/film, or planning to join the industries of: 3D animation, movie making, movie effect, TVC, etc.

Contents

Module Title Professional Programme in 3D Modeling Design

1. Visualization in 3D Modeling and Animation
2. Fundamentals of 3D Computer Graphics
3. Geometric Modeling in Polygons mode
4. Geometric Modeling in NURBS mode
5. Computer-Generated Imagery

Module Title Professional Programme in 3D Animation

1. Fundamentals of Computer Animation
2. Advanced development in Computer-Generated Imagery
3. 3D Animation Development
4. Fundamentals of Character Animation Development
5. Fundamentals of Physical Modeling

Module Title Professional Programme in Visual Effects and Video Production

1. Video Shooting Fundamental
2. Basic Digital Video Editing
3. Digital representation of visual information
4. Compositing technique
5. Techniques of digital visual effects

Module Title Professional Programme in Animation Production Management

1. Animation Project Management Concept and Issues
2. Planning and Progress
3. Animation or Video Production Development



Instructor

課程均由業內專業導師教授，導師為行內製作專才，曾參與外國及香港電影、電視的數碼影像合成及立體模型動畫後期製作。

Code 編號	Course Information 課程資料	Fee 學費	Remarks 備註
ITS27	Maya 立體模型動畫設計及數碼影像合成製作專業證書 Date: 7.2.12 - 26.6.12 (Tue & Thu) Time: 6:45pm - 9:45pm Duration: 120 hours (40 lessons)	HK\$13,500 扣除 CEF 後，實繳學費 HK\$HK\$3,500	

Enquiry & Enrollment

Mr. Kan (Tel: 2836 1851, Email: georgek@vtc.edu.hk) Mr Li (Tel: 2836 1832, Email: ycli@vtc.edu.hk)

IT046 Accredited PRINCE2 Practitioner Training

Accredited PRINCE2 Practitioner Training (Code: IT046, CEF-approved)

SEVEN strong reasons to make PEAK your first choice in PRINCE2 training

- Well known and established organisation
- Long track records in Hong Kong for excellent PRINCE training
- Highly practical class
- Learning from a star trainer with many years of experience using PRINCE on different type of projects and organisations, and long track records of excellent feedback from participants
- Support for examinations by a trainer passed with a very high mark
- Registered for CEF support
- The fastest way to become an Accredited PRINCE2 Practitioner



About the Speaker - Mr. Nick Graham

Mr. Nick Graham's ability to communicate the method effectively is founded on his own detailed knowledge of PRINCE2 which in turn is reflected in his own high pass marks. He passed with one of the highest marks achieved in the Practitioner level exam. Nick is an experienced PRINCE practitioner and trainer, and has instructed in the method since Version 1. Amongst very few in the PRINCE training community he is also a qualified teacher. He holds two UK teaching qualifications having specialised in Curriculum Development and the Psychology of Education. He has been teaching PRINCE throughout the UK, in South East Asia, Western Europe and Eastern Europe. His background includes working in both the private and public sectors, which allows him to communicate easily with project managers from both communities and to identify with their specific needs and priorities. He is a Certified International PRINCE2 Trainer of the Association for Project Management (APMG), UK and member of the APMG.

As per past participants' evaluation, Nick maintains a consistent high score of 9.2+ (out of 10 marks) for the teaching in the past classes.

Schedule

To be confirmed (3.5 days for training, 1.5 days for exam and exam preparation)

Fee

HK\$16,500 (Training fee), HK\$3,675 (Exam fee, optional)

Enquiry

Ms. Christina Lai (2836 1833, llai@vtc.edu.hk)

Mr. Li (2836 1832, ycli@vtc.edu.hk)

IT276 Mastering PMBOK (4th Edition) Knowledge & Skills (CEF-approved)



Introduction

This course is designed to equip you with the project management knowledge to sit for the latest PMP examination so as to obtain the very important credential for your project management career ahead. It also covers practical skills to help you manage commercial and technical projects successfully and effectively in real life. Extensive practice questions and a running case study are included in the course.

The PMP (Project Management Professional) certification awarded by the PMI (Project Management Institute) is the most widely-recognized professional credential for those associated with project management. In China, the PMBOK (Project Management Body of Knowledge) advocated by the PMI also enjoys a wide recognition and represents the core knowledge areas in which project managers will have to be trained and testified. PMI currently has more than 260,000 members in over 171 countries. As of today, around 260,000 individuals hold the Project Management Professional (PMP®) credential worldwide.

Objectives

Upon completion of the program, the participants will have acquired the knowledge and skills advocated in the PMBOK (Project Management Body of Knowledge), fourth edition (latest).

Who Should Attend

- Participants: Project leaders and managers who need to keep abreast with the best practices of project management advocated by a leading professional association.
- PMP candidates who need to demonstrate an acceptable and valid level of understanding about project management in order to satisfy the pre-exam educational requirements established by PMI.

Contents

1. PM Framework
2. PM Knowledge Areas and Processes
3. Project Integration Management - develop Project Charter, develop project management plan, direct and manage project execution, monitor and control project work, perform integrated change control, close project or phase
4. Scope Management - collect requirements, define scope, create WBS, verify scope, control scope
5. Time Management - define activities, sequence activities, estimate activity resources, estimate activity duration, develop schedule, control schedule
6. Cost Management - estimate costs, determine budget, control costs
7. Quality Management - plan quality, perform quality assurance, perform quality control
8. Human Resources Management - develop HR plan, acquire project team, develop project team, manage project team
9. Communications Management - identify stakeholders, plan communications, distribute information, manage stakeholders expectations, report performance
10. Risk Management - plan risk management, identify risks, perform qualitative analysis, perform quantitative risk analysis, plan risk responses, monitor and control risks
11. Procurement Management - plan procurements, conduct procurements, administer procurements, close procurements
12. PMP Code of Professional Conduct

Instructor(s)

The instructor(s) are qualified PMPs (Project Management Professional) with many years of real-life project management experiences in large-scale cross-border projects and in various business sectors.

Code 編號	Course Information 課程資料	Fee 學費	Remarks 備註
IT276	Mastering PMBOK (4th Edition) Knowledge & Skills Date: 4 - 25 Feb, 2012 (Every Saturday) Time: 9:00am - 7:00pm Duration: 36 hours (4 lessons)	HK\$6,800	

Enquiry

Mr. Ocean Sung 2836 1205 or Ms. Christina Lai 2836 1833