

Bridging ICT to Professional Certification

By AiTLE & HKACE

010010101001111010000100101110100101101010101101000010001001001001
00100001010010100100100001010010010100001111010010101001011010010
1101010101101000010000101001001001010000101101001010100001111010010101

AiTLE ASSOCIATION OF
I. T. LEADERS
IN EDUCATION
資訊科技教育領袖協會

HKACE 香港電腦教育學會
The Hong Kong Association
for Computer Education

Content

- ***Background***
- ***Objective & Analysis***
- ***Design & Implementation***
- ***Testing & Evaluation***
- ***Conclusion & Discussion***

- ***Application procedure***

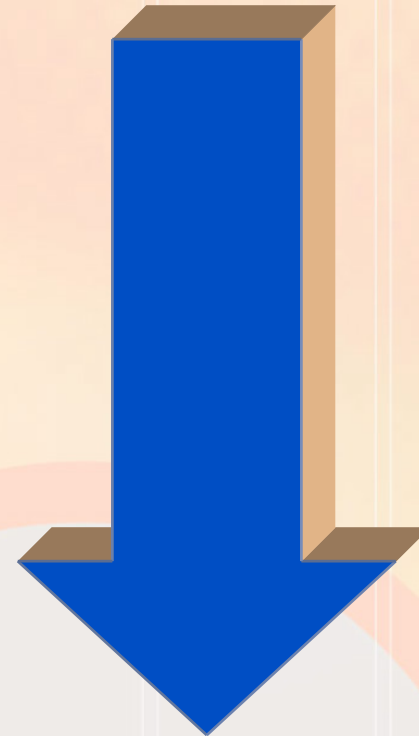


Background

101001010100111101000010010111010010 1101010101011101000010000100001001
00 00

Background

- ***CIT Candidature (2005 – 2010)***
 - *~ 18000*
- ***ICT Candidature***
 - *2012 : 82xx*
 - *2013 : 80xx*
- ***Student nature***
 - *Smart → less smart ?!!?!!?*



Background (Cont'd)

- *As computer teachers*
 - *As Professional Organizations*
- *Find ways out*



→ → *Drafting a through-trained Computer Teaching Schedule for Pri & Junior Sec*

→ → *Bridging ICT to Professional Certification*

Objective & Analysis

The background of the slide is a gradient of light orange and yellow. A large, semi-transparent grey semi-circle is positioned in the lower half, partially overlapping a solid orange semi-circle below it. At the bottom, there is a decorative border consisting of a series of binary digits (0s and 1s) in a light orange color. On the right side, there are two orange circles with grey centers, stacked vertically.

Objective & Analysis

- *Attract more students to study ICT*
- *Making ICT a more valuable subject*



Objective & Analysis (Cont'd)

- *There are many valuable and essential IT Professional Certification*
- *ICT curriculum already covered some / most of the Prof. Cert. content*



Design & Implementation

101001010100111101000010010111010010110101010111010000100001010001001

Design & Implementation

- *If someone can train / teach students the difference*



Design & Implementation (Cont'd)

- *If someone can train / teach students the difference*



Design & Implementation (Cont'd)

- ***AiTLE & HKACE have liaised with different vendors***
 - ***To provide free training to teachers***
 - ***Teachers then provide free training to students***
 - ***Bright students can have chance to get free certification vouchers***
 - ***To attend certification exam***



Design & Implementation (Cont'd)

- ***Our expectation***
 - ***@ vendor provides at least 1 certification***
 - ***@ certification provides at least 20 free training seats for teacher***
 - ***At coming Xmas, CNY, Easter Holidays***
 - ***@ teacher trains at least 10 S6 students***
 - ***From May - July 2014 (after DSE)***



Design & Implementation (Cont'd)

- ***Liaised vendor***
 - ***Adobe***
 - ***Cisco***
 - ***Microsoft***
 - ***Oracle***



10100101010100111101000010010111010010110101010111010000100001010001001

Design & Implementation (Cont'd)

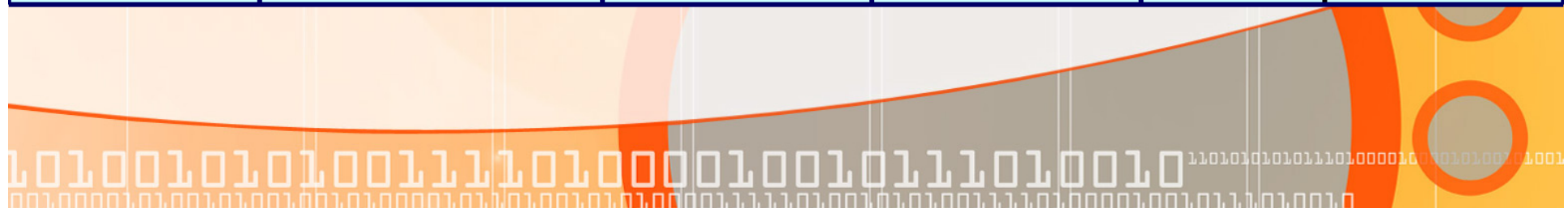
- ***Liaised vendor***
 - ***Adobe (2 Cert.)***
 - ***Cisco (2 Cert.)***
 - ***Microsoft (1 Cert.)***
 - ***Oracle (1 Cert.)***



Design & Implementation (Cont'd)

- Training Summary**

<i>Vendor</i>	<i>Certification</i>	<i>Training Dates</i>	<i>Duration</i>	<i>Seats</i>	<i>Cert. Voucher</i>
<i>Cisco</i>	ITE	21,23,30,31 Dec, 2013	4 days	30 ~ 40	Online → N.A.
	CCNA <i>Routing & Switching</i>	22 – 26 April, 2014	5 days	30 ~ 40	Online → N.A.
<i>Microsoft</i>	MOS <i>Word & Excel</i>	27 Dec, 2013	1 days	30 ~ 40	30
<i>Oracle</i>	Database Design & Programming in SQL	18, 19, 21 April, 2014	3 days + Self study hr before	30 ~ 40	Online → N.A.



Design & Implementation (Cont'd)

- ***Remark***
 - ***Adobe***
 - ***Finally cannot provide training because of their version transition***
 - ***But we are finding alternative now, hope can have good news***



Testing & Evaluation

101001010100111101000010010111010010110101010111010000100001010001001

Testing & Evaluation

- ***AiTLE & HKACE help to source out Community Resources to help ICT***
 - ***Have obligation to monitor***
 - ***With good data, re-run & re-run***



Testing & Evaluation (Cont'd)

- ***Are the training to teachers running well ?***
- ***Are participants attended and participated ?***
- ***Are students finally got the training ?***
- ***Are students finally got the certification standards ?***

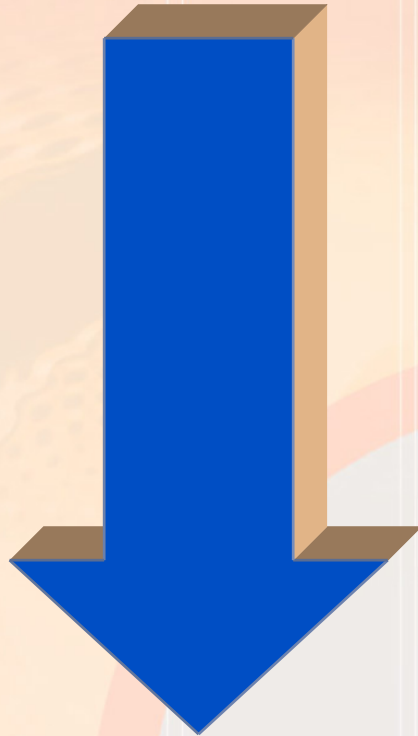


Conclusion & Discussion



Conclusion & Discussion

- *Hope through this project*
 - *Benefit existing ICT students*
 - *more students (qual. & quan.) to study ICT*



Conclusion & Discussion

- ***Hope through this project***
 - ***Benefit existing ICT students***
 - ***more students (qual. & quan.) to study ICT***



Application procedure



A decorative background for a presentation slide. It features a warm, orange-to-yellow gradient. In the center, there is a faint, stylized globe. Below the globe, a large, semi-transparent white arc is partially obscured by a solid orange arc. At the bottom of the slide, there is a horizontal line of binary code (0s and 1s) in white and orange. On the right side, there are two circular elements, one above the other, with orange outlines and grey centers. A thick orange line curves across the bottom of the slide, intersecting the binary code.

1010010101001111010000100101110100101101010101101000010000101001001

Application Procedure

- **To Apply**
 - **Fill in the Form online**

Bridging ICT to Professional Certification (by AiTLE & HKACE)

請先透過網上填寫此表，我們收到資料後，會把資料轉載至相關表格，再透過電郵傳送給申請老師，申請老師收到後，請在表格上加上學校蓋印，並附上校長簽署，然後傳真回 8200 1738，以完成整個申請過程。

*必填



[學校資料]

學校名稱 (英文) *

學校名稱 (中文) *

Application Procedure (Cont'd)

[申請老師資料]

申請老師姓名 (英文) *

申請老師姓名 (中文) *

申請老師聯絡電話 *

申請老師聯絡電郵 *

申請老師任教 HKDSE ICT 之年級 *

S6 ICT

S5 ICT

S4 ICT

Application Procedure (Cont'd)

申請接受培訓之課程優次選擇 *

	優次 1	優次 2	優次 3	優次 4	不適用 (不申請)
Cisco ITE (21, 23, 30, 31 / 12 / 2013 上下午, 共 4 天)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cisco CCNA Routing & Switching (22 - 26 / 04 / 2014 上下午, 共 5 天)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Microsoft MOS <Word & Excel> (27 / 12 / 2013 上下午, 共 1 天)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Oracle Database Design & Programming with SQL (18, 19, 21 / 04 / 2014 上下午, 共 3 天)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Application Procedure (Cont'd)

[將來受培訓之學生統計資料]

2014 年 HKDSE 有多少中六學生修讀 ICT 科 *

計劃中會培訓之學生數目 *

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	>20
S6 ICT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
S5 ICT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
S4 ICT	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Application Procedure (Cont'd)

- ***Then will receive a email***
 - ***With submitted data***
 - ***& area for school chop + Principal Signature***
 - ***Agree to receive and attend the training(s)***
 - ***Agree to train up students after***
 - ***Fax back to us***

- ***Will notify School about***
 - ***Attendance***
 - ***Training Results (Teachers, students)***



Application Procedure (Cont'd)

- ***Schedule***

- ***Application : From now to 2013-11-17***
- ***Selection : 2013-11-18 to 2013-11-30***
- ***Notification of result : About 2013-12-01***

- ***Selection Consideration***

- ***Year level of ICT that you are teaching***
- ***Year level and amount of students involved***
- ***Training that you select***
- ***Number of applicants***



Registration

- **Registration is started, you can find the detail and registration link at**
 - **AiTLE website (www.aitle.org.hk)**
 - **HKACE website (www.hkace.org.hk)**



More details



Coming AiTLE Activities

- **2013-11-02**

- **Assessment for Learning**
- **Detail re Bridging ICT to Prof. Cert.**
- **Free WiFi to School Project**



- **2013-11-16**

- **3D Printer Workshop**

www.aitle.org.hk

- **2013-11-30**

- **Visit to M21 – Experience Prof Media Production**
 - **Target ~ teachers to bring students to enjoy**



Coming AiTLE Activities (Cont'd)

- **2013-12-07**
 - ***AiTLE AGM***
- **2014-01-18**
 - ***Game-based Learning***
- **2014-02-15**
 - ***Appreciation of SBA to ICT***
 - ***Reduce workload for ICT teachers***
- **2014-03-08**
 - ***ICT SBA Topic Setting workshop***



www.aitle.org.hk



Coming HKACE activities

- **COMPUTER APP PROGRAMMING**
- **(CAP) COMPETITION 2014**

- **Upcoming Information Session**

Date: 2 November 2013 (Saturday)

Time: 11:00 am – 12:30 pm

Venue: PQ703, Department of Computing, PolyU



- 「數碼21」資訊科技策略研討會

日期: 2013年11月1日(星期五)

時間: 下午4:30至6:00

地點: 林大輝中學一樓演講廳 (新界沙田銀城街25號)