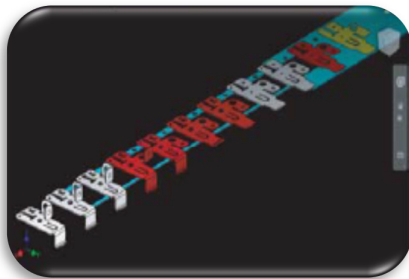
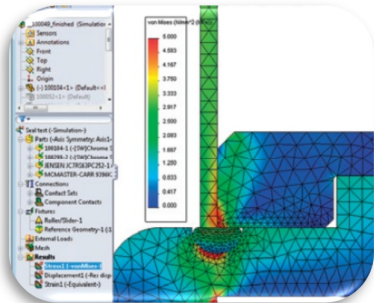


Development of carbon composite watch Parts by CAE
Technology and using advanced CAD to develop high precision
tool for metal parts
19 & 20 December 2013



This course [has been pre-approved by New Technology Training Scheme \(NTTS\)](#) of Vocational Training Council.

Participants meeting academic, working experience and general requirement of NTTS [can be entitled for sponsorship on 50% max of the course fee](#)

“**Carbon Composite** market experienced rapid and even explosive growth before the global economic slump. As the carbon composite industry is still in the development phase, the market continues to see new business opportunities in major and novel applications. With the help of the newly developed CAE technology on composite materials, the overall properties and performance of the composites materials and products could be estimated without numerous testing in the early design stage.

With help of the advanced CAD/CAE technology, the stamping die design can be established with high accuracy specifications. It can also reduce the development time and cost. The advanced tool will involve automatic and optimization features so as to provide a comprehensive platform to generate the optimized solutions

Organizer :



Course Details	
Date :	19 (Thu) & 20 (Fri) December 2013
Time :	9:30 am - 12:30 pm and 2:00 pm - 5:30 pm
Venue :	1/F, Hong Kong Productivity Council Building, 78 Tat Chee Avenue, Kowloon, Hong Kong
Language :	Cantonese (粵語)
Programme Fee :	HK\$2,000 per participant (successful applicant of NTTS can have Max 50 % subsidy of programme fee)
Quota :	Limited to 30 Participants (First come first served)
Enquiry :	廖先生 (Mr Samuel Liu) 電話 (852) 2788 5503 / 電郵 samuelli@hkpc.org
	陳先生 (Mr Bob Chan) 電話 (852) 2788 5518 / 電郵 hcchan@hkpc.org

Course Contents	Date
1) Overview of CAD/CAE technology <ul style="list-style-type: none"> - CAD Quick Modelling - CAD Rendering Technique - Introduction on CAE 2) CAE simulation of composite material on product <ul style="list-style-type: none"> - Analysis on multilayer composite materials - CAE application in watch parts - Technique on presentation creation 	19 December 2013 (Thu)
1) Stamping Tool Design by Advanced CAD Tool <ul style="list-style-type: none"> - Introduction of design workflow - Design unfolding non sheet metal part - Creating punch components, die set assembly 2) Stamping Tool Optimization by CAE system <ul style="list-style-type: none"> - Sheet metal formability analysis - Stamping material utilization - Collision detection by stamping simulation 	20 December 2013 (Fri)

Speakers from :

CAE Technology: Intelligent CAD/CAM Technology Ltd.

Intelligent CAD/CAM Technology Ltd. (abbreviate as ICT) was founded by the experienced engineering professionals. ICT was setup focusing on innovative and advanced 3D technologies and had a vision that 3D will be the mainstream in computer-aided design and manufacture (CAD/CAM) markets.

Advanced CAD Tool: 3D QuickTools Limited

3D QuickTools Ltd. is set up by a group of experienced tooling specialists and CAD/CAM programmers supporting world-wide technical centres in the application of 3D tool design solutions. The speaker has rich research experience in the CAD/CAM field through participating in government funded research project to develop a STL based mold design system. The company is award winner of the Hong Kong ICT AWARDS 2009.

[A one-year free trial version of StampingToolsSystem will be given to the participants by the speaker]

【 Enrolment Procedure 】

To enroll, please complete the enrolment form and email to samuelliu@hkpc.org or fax it to (852) 2788 5522 for reservation. The original form should be sent with a crossed cheque (made payable to **Hong Kong Productivity Council**) to:

Materials & Manufacturing Technology Division, LG2, HKPC Building, 78 Tat Chee Avenue ,Kowloon

(Attn: Mr. Samuel Liu)

Enrollment Form

報名表

請以正楷填寫此表格 Please complete this form in BLOCK LETTERS

課程名稱 Programme Title	學費 Programme Fee
「應用電腦輔助工程設計技術開發碳纖維複合材料鐘錶件及快速沖壓模具電腦輔助設計」培訓班 Training Course on Development of Carbon Composite Watch Parts by CAE Technology and using Advanced CAD to develop High Precision Tool for Metal Parts 19 & 20 December 2013	<input type="checkbox"/> HK\$2000

甲部 (Part A) 申請者資料 Applicant Information :

中文姓名 (先生/小姐/太太/女士*) : Chinese Name (Mr./Miss/Mrs./Ms*) :			
英文姓名 : Name in English :	姓 last name	名 first name	(必須與香港身份證/護照相同 Must be the same as shown on ID card/Passport)
公司名稱 : Company Name :			
職位 : Position :			
最高教育程度 Highest Achieved Education Level (請選擇一項。 Please select one only.) :			
<input type="checkbox"/> 小學 Primary School	<input type="checkbox"/> 中學 Secondary School	<input type="checkbox"/> 文憑至副學位 Diploma to Associate Degree	<input type="checkbox"/> 學位 Degree
<input type="checkbox"/> 研究院或以上 Postgraduate			
辦事處電話 : Office Telephone :	手提電話 : Mobile No. :	住宅電話 : Home Telephone :	
電郵地址 : E-mail Address :	傳真 : Fax :		
通訊地址 : Correspondence Address :			

乙部 (Part B) 繳費方法 Method of Payment :

請選擇一項 Please select one only	
<input type="checkbox"/> 現金 Cash	
<input type="checkbox"/> 支票號碼 Cheque No. : _____, (公司 Company/ 私人 Private*)。	
(支票請劃線, 抬頭人為「香港生產力促進局」。The cheque has to be crossed and made payable to the "Hong Kong Productivity Council.")	
Is the programme fee sponsored by your employer? 課程費用由僱主贊助? <input type="checkbox"/> YES 是 <input type="checkbox"/> NO 否	

*Please delete whichever inappropriate / 請刪去不適用者

聲明 Declaration :

本人聲明在此報名表格及隨附文件所載的資料, 依本人所知均屬完整真確。本人已細閱並接受報名表內“重要通知”的所有條款及細則。 I declare that all information provided in this enrolment form and the attached documents are, to the best of my knowledge, accurate and complete. I have read and accepted all the terms and conditions of the "Important Note" in this enrolment form.

香港生產力促進局擬使用您所提供的個人資料(包括姓名、聯絡電話、傳真號碼、通訊地址和電郵地址)向您推介本局及合作夥伴的最新發展、顧問服務、活動和培訓課程。但上述擬作出的用途只會在獲得閣下的書面同意後才會進行。如閣下不同意上述安排, 請在下面適當的方格內填上「」號。

Hong Kong Productivity Council would like to use your personal information for marketing purposes. We will recommend you HKPC and our cooperating partners' latest development, consultancy service, activities and training courses. If you do not agree with the above arrangement, please check the appropriate box (s) below:

- I object to the proposed use of my personal data in any marketing activities arranged by HKPC
本人反對香港生產力促進局使用本人的個人資料於任何推廣用途。
- I object to the proposed transfer of my personal data to HKPC's partner(s) involving in this event for any marketing activities.
本人反對香港生產力促進局將本人的個人資料轉移給參與本活動的合作夥伴進行任何推廣用途。

申請者簽名 Applicant's Signature :

日期 Date :

報名程序 :

請填妥報名表、連同相關課程需要的文件及費用, 親身或以郵遞方式遞交。
郵寄地址: 九龍達之路 78 號生產力大樓五樓材料及製造科技部廖先生收
(請於信封面註明報讀課程名稱及編號。)

重要通知 :

- 報名表(可用影印本)必須連同學費於開課前一併繳交, 否則報名無效。
- 本局已實施個人資料(私隱)政策, 有關資料單張可於報名處索閱, 或閣下可與本局個人資料管理主任查詢。
- 申請者可以信用咭、易辦事或支票繳交學費。學費收據以本局機印方為有效, 支票收妥作實。
- 除非本局於以下期限前收到申請者書面通知退學, 否則已繳學費概不退還:
 - 由本地講師教授的課程, 最少於開課前五個工作天通知
 - 由外地講師教授的課程, 最少於開課前十五個工作天通知申請者申請退還學費需繳交手續費二百元正。如申請者以信用卡繳交學費, 則需額外支付學費之 3% 作銀行手續費用。
- 申請者可提名他人代替其本人出席課程, 惟事先須得本局同意。
- 香港生產力促進局保留在任何情況下及以任何原因拒絕任何入學申請的權利。申請者繳付學費後, 仍須符合入學的所有條件, 其申請方可獲得接納。
- 香港生產力促進局保留在任何情況下更改課程內容、授課地點、日期及時間的權利。
- 颱風及黑雨警告: 如課堂時間是在早上(09:00-13:00)、下午(14:00-17:00)或晚間(6:30-10:00), 將在下列情況下取消: (一)八號或以上颱風訊號或黑色暴雨警告訊號在早上 6:00、11:00 或下午 4:00 仍然懸掛; 或(二)香港天文台在早上 6:00、11:00 或下午 4:00 或之後, 宣佈將懸掛八號或以上颱風訊號或黑色暴雨警告訊號。本局將盡早通知學員補課的日期及時間。
- 以上“重要通知”內容均以本院課程單張及網頁之最後更新版本為依歸

Enrolment Procedure:

Please complete and send the enrolment form with required documents and fee to the Institute in person / by mail.
Mailing Address: Mr Samuel Li, MTD, 5/F, HKPC Building, 78 Tat Chee Avenue, Kowloon. (Please mark the programme title and programme code on the envelope.)

IMPORTANT NOTE:

- Course fee must be accompanied with this form (or photocopy) before course commence, otherwise enrolment would be rejected.
- HKPC has adopted a Personal Data (Privacy) Policy. Information about the policy is available at HKPC enrolment counters for collection. You may also contact our Personal Data Controlling Officer for further details.
- Applicants can make payment by credit cards, EPS or cheques. Amount received will be imprinted. Cheques are subject to bank clearance.
- Enrolment fee is not refundable unless HKPC is notified in writing of your withdrawal:
 - at least 5 working days before the course commences for training program by local speaker
 - at least 15 working days before the course commences for training program by overseas speakerA handling charge of HK\$200 will also be levied. For payment made by credit card, an additional bank charge of 3% of the enrollment fee will be charged.
- An applicant may, subject to approval from HKPC, nominate a person to attend the course on his/her behalf.
- HKPC reserves the right to reject any application in any circumstances and for whatever reasons. Payment of fees should only be construed as conditional acceptance of application.
- HKPC reserves the right to change the contents, venue and / or time as necessary.
- Classes in the morning, afternoon or evening will be cancelled if typhoon signal No. 8 or above OR black rainstorm warning is still hoisted after (or is announced by the Hong Kong Observatory to be hoisted at/after) 6:00 a.m., 11:00 a.m. and 4:00 p.m. respectively. Participants will be notified when the class will be made up as soon as possible.
- The above "Important Note" is subject to revisions in the course pamphlets and the latest updates in the Institute's website



Hong Kong
Productivity Council
香港生產力促進局