

Introductory Ergonomics

Course code : 81580

3rd Intake

Introduction

The Hong Kong Ergonomics Society (HKES) and School of Continuing and Professional Education, City University of Hong Kong is offering an introductory course on Ergonomics in March 2008, aiming to promoting the theory and application principles of ergonomics.

Hong Kong Ergonomics Society

The Hong Kong Ergonomics Society is Hong Kong's principal professional body for advancing the science of ergonomics in Hong Kong by promoting application, research and education in ergonomics for the benefit of the public.

Website: www.ergonomics.org.hk

Aims and Objectives

The overall aim and objective of this course is to equip students with the theory and application principles of ergonomics at the workplace. The course would be considered by Labour Department as satisfying the requirements of Continuing Professional Development (CPD) Programmes for the renewal or revalidation of registration of Registered Safety Officer (RSO) under The Factories and Industrial Undertakings (Safety Officers and Safety Supervisors) (Amendment) Regulation.

Upon satisfactory completion of the course, students will satisfy the educational component of membership of Hong Kong Ergonomics Society. Students can also claim CPD hours from other relevant professional institutions.

Membership of Hong Kong Ergonomics Society

The membership of Hong Kong Ergonomics Society is opened to people who have obtained approved tertiary qualification in ergonomics as determined by the Council, and has received sufficient experience (in the practice of, teaching of and / or research) in ergonomics for a period of at least TWO years cumulative equivalent.

For those obtained approved tertiary qualifications in other related disciplines as determined by the Council and completed this course, the minimum period of pre- or post-qualification ergonomics experience is three years. Member may use the title "Member of the Hong Kong Ergonomics Society", and the abbreviated letters MHKES.

Course Structure

The course comprises of 3 modules with a total of 12 meetings:

1. Physical Ergonomics
2. Environmental Ergonomics
3. Man-machine Ergonomics

Module 1: Physical Ergonomic

Aims

- to provide an overview of the principles of physical ergonomics at the workplaces, and
- to develop an understanding of risk factors associated with the work-related musculoskeletal disorders, and its intervention and evaluation strategies.

Topics Include:

- Principles of physical ergonomics
- Anthropometry
- Work-related musculoskeletal disorders
- Ergonomics intervention and evaluation

Module 2: Environmental Ergonomics

Aims

- to provide an overview of various ergonomic factors in the workplace and working environment, and
- to develop an understanding of related ergonomic principles fundamental to the workplace and environmental analysis and design.

Topics include:

- Thermal environments
- Lighting
- Noise
- Human Vibration

Module 3: Man-Machine Ergonomics

Aims

- to provide an overview of various ergonomic components in the man-machine systems, and
- to develop an understanding of related ergonomic principles fundamental to the man-machine interface design.

Topics include:

- Human Information Processing – Psychophysics, Signal Detection Theory
- Design of Controls
- Visual Displays
- Control Display Compatibility

Course Advisor

Dr. Alan Chan

Associate Professor, Department of Manufacturing Engineering and Engineering Management,
City University of Hong Kong

Instructors

Members of the Hong Kong Ergonomics Society and invited speakers

Medium of Instruction

English supplemented with Chinese terminology. Course materials and assessment will be in English.

Assessment

Continuous assessment in form of written tests and case assignments

Entry Requirements

Bachelor's degree in relevant disciplines (e.g. Engineering, Science) or equivalent

Commencement

13 March 2008 (Thursday)

Venue

City University of Hong Kong or
SCOPE designated venues

Dates & Time of meeting

Every Thursday at 6:30pm – 9:00pm
(12 meetings)

Deadline for Application

29 February 2008 (Friday)

Course Fee

HK\$3,300

GENERAL INFORMATION

1. Please send the completed application form together with proof of qualifications and the programme fee in the form of a crossed cheque or cashier's cheque made payable to "City University of Hong Kong" to
School of Continuing and Professional Education, City University of Hong Kong, Tat Chee Avenue, Kowloon.
2. Personal data provided on the application form will be used by SCOPE for purposes relating to application and admission. For details of the Personal Data Collection Statement, please refer to the web site: www.cityu.edu.hk/ce/pdcs
3. Applicants will be notified of their application results by mail. Please contact SCOPE if you have not received any notification one week before programme commencement.
4. The School of Continuing and Professional Education reserves the right not to admit an applicant. A place allocated for each class is not transferable. Fees are not refundable or transferable, except for unsuccessful enrolment or cancellation of a course.
5. The School of Continuing and Professional Education reserves the right to alter the details of the programme such as date, time, venue and substitution of instructors and to cancel the programme.
6. Enquiries: SCOPE, LG/F, Academic Exchange Building, City University of Hong Kong.
Office hours of the School : Mon - Sat : 9 am - 12 noon Mon - Fri : 2 pm - 5 pm
Enquiries : 2784 3227 / 2788 7423 E-mail : cem01027@cityu.edu.hk Web site : www.cityu.edu.hk/



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PERSONAL PARTICULARS (* Please delete as appropriate)

Name _____ (English) _____ (Chinese)

HKID Card / Passport No* _____ Gender M / F * Date of Birth _____ (dd/mm/yy)

Company _____ Position _____ Year of Employment _____

Address _____

Tel _____ (Office) _____ (Home) _____ (Mobile#)

Fax _____ Email _____

*Urgent notice will be sent to your mobile phone via SMS

EDUCATION BACKGROUND

Year of Award	Qualification Obtained (specify field of Study)	University Attended

The followings are enclosed:

- Proof of professional and / or academic qualifications
- Course fee of HK\$3,300 payable to City University of Hong Kong

Please use a separate cheque for each course.

Bank: _____

Branch: _____ Cheque No: _____

DECLARATION

- I declare that I have read and understood the nature and details of the Application Guide & Course Information.
- I declare that all the information given in support of this application form and the attached supporting documents are, to the best of my knowledge, accurate and complete, and agree to provide original document(s) for verification of my qualifications when required. I understand that this information will be used in the admission decision process, I accept that if, in reading and completing this application, I knowingly or carelessly provided untrue or incomplete information, any offer of admission, whether accepted or not, may be disqualified and / or I may be required to withdraw from any course which I am enrolled in and all fees paid will not be refunded.
- I authorize SCOPE to obtain, and the relevant authorities to release, any and all information about my academic and / or professional qualifications obtained in Hong Kong and elsewhere.
- I authorize SCOPE to use my data to carry out checks regarding my application and records of previous studies in the University and other institutions.
- I understand that, upon my registration in a course, the data will become part of my student record and may be used for all purposes relating to my study in the course.
- I consent that if admitted to the course, i will conform to the statutes and Regulations of City University of Hong Kong and SCOPE.

Signature _____ Date _____

- SCOPE would like to provide you information on our programmes / courses to help navigating your lifelong learning. If you do not wish to receive such information, please "✓" the box.