City University of Hong Kong

Information on a Course
offered by Department of Computer Science
with effect from Semester A in 2012 / 2013

Part I

Course Title: Comprehensive Studies in Selected Topics in Computer Science

Course Code: CS8692

Course Duration: One Semester

Credit Units: 3

Level: R8

Medium of Instruction: English

Prerequisites: *(Course Code and Title)*
Nil

Precursors: *(Course Code and Title)*
Nil

Equivalent Courses: *(Course Code and Title)*
Nil

Exclusive Courses: *(Course Code and Title)*
Nil

Part II

Course Aims

The aim of this course is to provide an opportunity for a postgraduate research student to explore a selected topic in computer science. The objectives are to develop in-depth knowledge of a chosen field of interest. The students will also have the opportunity to develop documentation and presentation skill in conveying the results of his/her work.

Course Intended Learning Outcomes (CILOs)

Upon successful completion of this course, students should be able to:

No.	CILOs	Weighting (if applicable)
1.	to develop documentation and presentation skill in conveying the results of his/her work;	
2.	to develop in-depth knowledge of a chosen field of interest;	
3.	to explore, investigate, make critique and to possible derive new solutions on a specific topic in computer science.	

Teaching and Learning Activities (TLAs)
(Indicative of likely activities and tasks designed to facilitate students' achievement of the CILOs. Final details will be provided to students in their first week of attendance in this course)

Teaching pattern:
Suggested lecture/tutorial/laboratory mix: individual consultation

CILO No.	TLAs	Hours/week (if applicable)
CILO 1	Individual Consultation	
CILO 2	Individual Consultation	
CILO 3	Individual Consultation	

Assessment Tasks/Activities
(Indicative of likely activities and tasks designed to assess how well the students achieve the CILOs. Final details will be provided to students in their first week of attendance in this course)

CILO No.	Type of Assessment Tasks/Activities	Weighting (if applicable)	Remarks
CILO 1	Presentation to qualifying panel		
CILO 2	Written report		
CILO 3	Weekly In-depth Individual discussions		

Grading of Student Achievement:

Examination duration: Nil

Percentage of coursework, examination, etc.:   100% CW

Grading pattern: Standard (A+AA-…F)

Part III

Keyword Syllabus

Typical topics include: Computer Networks, Operating Systems, Distributed Systems, Software Engineering, Data Engineering, Formal Specification Techniques, Performance Evaluation, Artificial Intelligence, Algorithms, Programming Languages, Computer Graphics, Multimedia, Image Computing.

Recommended Reading

Text(s)
N/A

Online Resources

N/A