

# City University of Hong Kong

## Information on a Course offered by Department of Information Systems with effect from Semester B in 2012 / 2013

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### Part I

Course Title:	<u>Information Systems Research Seminars I</u>
Course Code:	<u>IS8003</u>
Course Duration:	<u>One Semester</u>
Credit Unit:	<u>2</u>
Level:	<u>R8</u>
Medium of Instruction:	<u>English</u>
Prerequisites:	<u>Nil</u>
Precursors:	<u>Nil</u>
Equivalent Course:	<u>Nil</u>
Exclusive Courses:	<u>Nil</u>

### Part II

#### 1. Course Aims

This course aims to expose students to the latest information systems research areas and methodologies through talks from a mix of researchers and faculty members from leading universities/research institutions.

## 2. Course Intended Learning Outcomes (CILOs)

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

No.	CILOs	Weighting (if applicable)
1	Examine the development and practice of the contemporary IS research areas	2
2	Critically evaluate current IS research areas	3
3	Analyse and criticise IS research in a scholastic manner	3
4	Position IS research within a broader IS/Business context, i.e. in terms of implementability, relevance and usefulness of research outcomes	2

(3: Relatively most focused ILOs; 2: moderately focused ILOs; 1: less focused ILOs)

## 3. 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)*

Seminar: 2 hours per week

TLA1: Seminars are designed to contain a mix of “lecture” and “discussion”. Students are required to actively participate in question and answer sessions during or at the end of each seminar.

TLA2: Online/Offline Discussions: Students are required to participate in the question and answer sessions during or at the end of the class.

CILO No.	TLA1: Seminar	TLA2: Online/Offline Discussion	Hours/week (if applicable)
CILO 1	1	1	-
CILO 2	2	2	-
CILO 3	2	1	-
CILO 4	1	2	-

(1: Indirectly Supporting ILO; 2: Directly Supporting ILO)

## 4. 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)*

Coursework : 100%

- AT1. Seminar Discussion Participation (50%): Each seminar consists of lecture and discussions. Assessment will focus on the participant’s ability to provide organized and original contributions that reflect critical analysis and synthesis of the material presented.
- AT2. Literature Review (30%): Each student is required to conduct extensive literature review in the chosen areas. In particular, each student will be required to submit for assessment a detailed written analysis and critique of two out of the eight seminars.
- AT3. Presentation (20%): Each student is required to give presentations as self reflections, which demonstrate the ability in solving problems in respective research area.

CILO No.	AT1 (50%)	AT2 (30%)	AT3 (20%)	Remarks
CILO 1	2	2	1	
CILO 2	2	2	1	
CILO 3	1	2	2	
CILO 4	1	2	2	

(1: ILO moderately assessed by AT; 2: ILO heavily assessed by AT)

## 5. Grading of Student Achievement:

Grading is assigned based on students' achievement of ILOs in accordance to the defined grading criteria. Grading pattern: Standard (A+, A, A- .. C-, D, F)

### Part III

#### Keyword Syllabus

There is no fixed syllabus. Students will be given the reading material for each seminar in advance and they are expected to participate actively in discussion during each seminar. Each seminar will be related to a contemporary research topic and given by an experienced researcher. Both IS management and IS technology oriented topics will be covered.

#### Recommended Reading

##### Classic Reading

Adams, D.A., Lacity, M.C. and Mullins, J.R., Telecommunications Research in Information Systems: An Investigation of the Literature, Data Ease, Vol.22, No.3 (Summer 1991), pp.35-40.

Baroudi, J.J. and Orlikowski, W.J., The Problem of Statistical Power in MIS Research, MIS Quarterly, Vol.13, No.1 (March 1989), pp.87-106.

Benbasat, I., Goldstein, D. and Mead, M., The Case Research Strategy in Studies of Information Systems, MIS Quarterly, Vol.11, No.3 (September 1987), pp.369-386.

Benbasat, I. and Nault, B.R., An Evaluation of Empirical Research in Managerial Support Systems, Decision Support Systems, Vol.6 (1990), pp.203-226.

Galliers, R.D. and Land, F.F., Choosing Appropriate Information Systems Research Methodologies, Communications of ACM, Vol.30, No.11 (November 1987), pp.900-902.

Jarvenpaa, S.L., Dickson, G.W. and DeSanctis, G., Methodological Issues in Experimental IS Research: Experiences and Recommendations, MIS Quarterly, Vol.9, No.2 (June 1985), pp.141-156.

Kaplan, B. and Duchon, D., Combining Qualitative and Quantitative Methods in Information Systems Research: A Case Study, MIS Quarterly, Vol.12, No.4 (December 1988), pp.571-586.

Mason, R.O., McKenney, J.L. and Copeland, D.G., Developing an Historical Tradition in MIS Research, MIS Quarterly, Vol.21, No.3 (Sept. 1997), pp.257-278.

Mason, R.O., McKenney, J.L. and Copeland, D.G., An Historical Method for MIS Research: Steps and assumptions, MIS Quarterly, Vol.21, No.3 (Sept. 1997), pp.307-320.

Nunamaker, J.F., Chan, M. and Purdin, T.D.M., Systems Development in Information Systems Research, Journal of MIS, Vol.7, No.3 (Winter 1990/91), pp.89-106.

Straub, D.W., Validating Instruments in MIS Research, MIS Quarterly, Vol.13, No.2 (June 1989), pp.147-169.

Walsham, G., The Emergence of Interpretivism in IS Research, Information Systems Research, Vol.6 No.4 (Dec. 1995), pp.376-394.

### **Reading for Each Seminar**

Reading material will be provided in the course according to the seminar topics chosen.