City University of Hong Kong

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

Part I

Course Title: IS Research Workshop

Course Code: IS8005

Course Duration: One Semester

Credit Units: 2

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

1. Course Aims

This course aims to provide students with the necessary exposure to state-of-the-art topics, techniques, and methodologies in the research of information systems, their management, and their interaction with people and organization.

2. Course Intended Learning Outcomes (CILOs)

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

No.	CILOs	Weighting (if applicable)
1.	Describe some of the latest research areas and topics in the field of information systems.	3
2.	Describe major research techniques and methodologies that information systems researchers are adopting / developing.	3
3.	Demonstrate critical thinking and analytical ability in evaluating information systems research.	1

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)

TLA1: Seminar
Latest research in information systems, their theoretical background and methodologies, their impacts, and their relationship to business practices are disseminated and illustrated through interactive seminars. The underlying motivation of the research, its novelty and contribution, and the validity and reliability of the methodology will be critical assessed and discussed during the seminars.

CILO No	TLA1: Seminar	Hours/week (if applicable)
CILO 1	2	---
CILO 2	2	---
CILO 3	2	---

(1: Minor focus on the ILO; 2: Main focus on the 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)

AT1: Continuous assessment (20%)
Attend all the seminars, and actively participate in seminar discussion and critical evaluation of the presented information systems research.

AT2: Written critique (80%)
Each student has to read the paper provided by the presenter of the seminar, and provide a written critique that demonstrates their understanding of the presented research, including its motivation, methodology, contribution, and relevant business and managerial implications. Each student needs to submit four written reports upon completion of the course.

CILO No	AT1: Continuous Assessment (20%)	AT2: Written critique (80%)	Remarks
CILO 1	1	2	1: Minor focus on the ILO;
CILO 2	1	2	2: Main focus on the ILO)
CILO 3	2	2	

5. Grading of Student Achievement: Standard (A+AA-…F)

Part III

Keyword Syllabus

Essence of good publishable research: validity, reliability, novelty, practicality, and impact.

Review of key aspects of research methodology suitable for technical type and managerial type of IS research respectively.

Writing up and presenting research: components and structure of research reports; the writing process; presentation of statistics; oral presentation; publishing research reports; refereeing processes for scholarly publications; evaluating research reports.

Recommended Reading
Text(s)

General Reading

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.

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

Galliers, R.D., Information Systems Research: Issues, Methods and Practical Guidelines, Blackwell Scientific, 1992.

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

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

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

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

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

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

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

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

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

<u>Reading for Each Seminar</u>

Seminar specific reading material will be provided in the course.

Online Resources

Nil