City University of Hong Kong
Course Syllabus

offered by Department of Information Systems
with effect from Semester A 2024/25

Part I   Course Overview

Course Title:	Information Systems Research Seminars II
Course Code:	IS8005
Course Duration:	Two Semesters
Credit Units:	1
Level:	R8
Medium of Instruction:	English
Medium of Assessment:	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 Details

1. **Abstract**

    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)**

No.	CILOs	Weighting (if applicable)	Discovery-enriched curriculum related learning outcomes		
			A1	*A2*	*A3*
1.	Describe some of the latest research areas and topics in the field of information systems.	30%			
2.	Describe major research techniques and methodologies that information systems researchers are adopting / developing.	30%			
3.	Demonstrate critical thinking and analytical ability in evaluating information systems research.	40%	✓	✓	✓
		100%			

A1:   *Attitude*
Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

A2:   *Ability*
Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

A3:   *Accomplishments*
Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

3. **Learning and Teaching Activities (LTAs)**

LTA	Brief Description	CILO No.						Hours/week (if applicable)
		1	2	3	4			
LTA1: 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.	✓	✓	✓				

4. Assessment Tasks/Activities (ATs)

Assessment Tasks/Activities	CILO No.						Weighting	Remarks
	1	2	3	4				
Continuous Assessment: 100%								
AT1: Continuous assessment Attend all the seminars, and actively participate in seminar discussion and critical evaluation of the presented information systems research.	✓	✓	✓				20%	
AT2: Written critique 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 three written reports for the course.	✓	✓	✓				80%	
							100%	

5. Assessment Rubrics

Applicable to students admitted before Semester A 2022/23 and in Semester A 2024/25 & thereafter

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
Continuous Assessment:	[CILOs 1, 2] Seminar attendance / discussion (Medium weighting) • Attend all seminars • Ability to effectively describe the presented research idea, and distinguish it from existing research • Ability to effectively describe the research techniques and methodologies	High	Significant	Moderate	Basic	Not even reaching marginal levels
	[CILOs 3] Seminar participation (High weighting) Ability to demonstrate good understanding of the presented research, and good critical thinking and analytical ability in evaluating the presented work.	High	Significant	Moderate	Basic	Not even reaching marginal levels
Written Critique	[CILOs 1, 2] Descriptive summary (Medium weighting) • Ability to effectively describe the presented research idea, and distinguish it from existing research in a written report • Ability to effectively describe the research techniques and methodologies in a written report	High	Significant	Moderate	Basic	Not even reaching marginal levels
	[CILOs 3] Analytical report (High weighting) • Ability to demonstrate good understanding of the presented research, and good critical thinking and analytical ability in evaluating the presented work in a written report	High	Significant	Moderate	Basic	Not even reaching marginal levels

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B)	Marginal (B-, C+, C)	Failure (F)
Continuous Assessment:	[CILOs 1, 2] Seminar attendance / discussion (Medium weighting) • Attend all seminars • Ability to effectively describe the presented research idea, and distinguish it from existing research Ability to effectively describe the research techniques and methodologies	High	Significant	Moderate	Not even reaching marginal levels
	[CILOs 3] Seminar participation (High weighting) Ability to demonstrate good understanding of the presented research, and good critical thinking and analytical ability in evaluating the presented work.	High	Significant	Moderate	Not even reaching marginal levels
Written Critique	[CILOs 1, 2] Descriptive summary (Medium weighting) • Ability to effectively describe the presented research idea, and distinguish it from existing research in a written report Ability to effectively describe the research techniques and methodologies in a written report	High	Significant	Moderate	Not even reaching marginal levels
	[CILOs 3] Analytical report (High weighting) Ability to demonstrate good understanding of the presented research, and good critical thinking and analytical ability in evaluating the presented work in a written report	High	Significant	Moderate	Not even reaching marginal levels

Part III   Other Information

1.   **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.

2.   **Reading List**
2.1   **Compulsory Readings**

1.	Nil

2.2   **Additional Readings**

1.	Mason, R.O., McKenney, J.L. and Copeland, D.G., Developing an Historical Tradition in MIS Research, <u>MIS Quarterly</u>, Vol. 21, No. 3 (Sept. 1997), pp. 257-278.
2.	Mason, R.O., McKenney, J.L. and Copeland, D.G., An Historical Method for MIS Research: Steps and assumptions, <u>MIS Quarterly</u>, Vol. 21, No. 3 (Sept. 1997), pp. 307-320.
3.	Wlasham, G., The Emergence of Interpretivism in IS Research, <u>Information Systems Research</u>, Vol. 6, No. 4 (Dec. 1995), pp. 376-394.
4.	Galliers, R.D., <u>Information Systems Research: Issues, Methods and Practical Guidelines</u>, Blackwell Scientific, 1992.
5.	Adams, D.A., Lacity, M.C. and Mullins, J.R., Telecommunications Research in Information Systems: An Investigation of the Literature, <u>Data Base</u>, Vol. 22, No. 3 (Summer 1991), pp. 35-40.
6.	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.
7.	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.
8.	Straub, D.W., Validating Instruments in MIS Research, <u>MIS Quarterly</u>, Vol. 13, No. 2 (June 1989), pp. 147-169.
9.	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.
10.	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.
11.	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.
12.	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.
13.	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.

2.3   **Reading for Each Seminar:**

Seminar specific reading material will be provided in the course