



1. General Information

Course Subject	IIMT
Course Number	2601
Course Title	Management Information Systems
Academic Years	2025-2026
Grading Method	Letter

2. Instructors

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4. Course Description

Course Description	This course covers key concepts associated with management information systems: digital economy, e-commerce, information technology infrastructure, technology-business integration and the impact of technology on society. Case studies and lectures will be used to shed light on these topics. Students will also acquire hands-on knowledge and techniques using business software to practice formulating and solving business solutions.
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5. Course Objectives

1. To acquire concepts of information systems and critically understand how to apply and manage them to gain competitive advantage for business enterprises
2. To practice using information systems software for business analysis for supporting decision-making
3. To gain insight into how to manage, develop and implement contemporary information systems
4. To study current issues in using information systems ethically

5. Course Objectives

5. To gain practical experience in searching and reading the latest research articles in relation to the deployment of information systems in modern businesses
6. To think critically and creatively in solving problems related to information systems
7. To work effectively as a team player

6. Faculty Learning Goals

Goal 1: Acquisition and internalization of knowledge of the programme discipline

Goal 2: Application and integration of knowledge

Goal 3: Inculcating professionalism

Goal 4: Developing global outlook

Goal 5: Mastering communication skills

Goal 6: Cultivating leadership

7. Course Learning Outcomes

Course Teaching and Learning Activities	Aligned Faculty Learning Goals					
	1	2	3	4	5	6
CLO1. Describe and explain the concepts of information systems/technology, their roles and functions in the organization	✓			✓		
CLO2. Evaluate and propose different information systems and applications to support business analysis and improve decision-making	✓		✓	✓		✓
CLO3. Describe and explain the concepts and issues concerned with managing, developing, and implementing contemporary information systems	✓		✓	✓		
CLO4. Apply different business models to evaluate the risks and opportunities of using information systems as a strategy for acquiring competitive advantage		✓	✓	✓		
CLO5. Apply different models to evaluate the applications of various information systems and propose information systems solutions in solving problems		✓		✓	✓	✓

8. Course Teaching and Learning Activities

Course Teaching and Learning Activities #	Expected Study Hours	Study Load (% of study)
T&L1. Interactive Lectures and Discussions Interactive lectures will be provided by the instructor to illustrate and reinforce basic concepts and knowledge of information systems. Students are expected to have done pre-class reading and preparation and encouraged to share their views and experience actively in class discussions to deepen their learning.	50	31.3
T&L2. In-Class Case Studies Case studies of information systems will be discussed in class. Students are encouraged to participate in discussions and identify the key issues, sharing their opinions and solutions with their peers. These discussions will	10	6.3

8. Course Teaching and Learning Activities

help students apply their concepts and knowledge to solve business problems.		
T&L3. Project Students will look into a new E-business of your own creation. Refer to p. 6 for details.	40	25
T&L4. Demonstration Live demonstrations of software and technologies will be done in class to show students how they work. Students are expected to share their views on how to apply information systems-related software and technologies to solve problems.	10	6.3
T&L5. Laboratory Exercises Information systems software and technologies will be taught in class to show students how they work. Students are expected to follow the instructions to complete all the required software exercises.	10	6.3
T&L6. Examination Midterm and final examination test students' knowledge of the topics covered in class and their ability to apply that knowledge.	40	24.8
	Total: 160	Total: 100

9. Assessment Methods

Assessment Methods	Description	Weight %	Aligned Course Learning Outcomes
A1. Laboratory Exercises	You will be given laboratory exercises, which are to be completed in each laboratory session.	20%	2,5
A2. Group Project	Students will develop a brand-new E-business of your own creation. Refer to p. 6 for details.	15%	1,2,3,4,5
A3. Group Project Presentation	Students are required to present the group project in a presentation.	10%	1,2,3,4,5
A4. Midterm	This will be a written test.	15%	1,2,3,4,5
A5. Student Participation	Students are expected to actively contribute and share their ideas/experiences in class, whenever appropriate.	15%	1,2,3,4,5
A6. Final Exam	This will be a written examination.	25%	1,2,3,4,5

10. Course Grade Descriptors

A+,A,A-	Student has consistently demonstrated an excellent grasp of Management Information Systems as evidenced by original or exceptionally astute analysis and synthesis of student work.
B+,B,B-	Student has demonstrated a substantial grasp of Management Information Systems as evidenced by above average performance in analysis and synthesis of student work.
C+,C,C-	Student has demonstrated a fair grasp of Management Information Systems as evidenced by average performance in analysis and synthesis of student work.
D+,D	Student has demonstrated limited grasp of Management Information Systems as evidenced by barely satisfactory performance in analysis and synthesis of student work.
F	Student has demonstrated very limited grasp of Management Information Systems as

10. Course Grade Descriptors

evidenced by poor performance in analysis and synthesis of student work.

11. Course Content and Tentative Teaching Schedule

Topic/ Session	Content
1	Introduction
2	Digital Economy
3	IT Infrastructure (I)
4	IT Infrastructure (II)
5	IT Infrastructure (II)
6	E-Commerce (I)
7	E-Commerce (II)
8	IS & Business Integration
9	IS & Business Integration
10	IS & Society
11	Presentations
12	Presentations

12. Required/Recommended Readings & Online Materials

Textbook	Reference books
	<ol style="list-style-type: none">1. <i>Information Systems Today: Managing the Digital World</i> (8th Global Edition), Joseph Valacich and Christoph Schneider, Pearson, 20182. <i>E-Commerce 2018</i> (14th Global Edition), Kenneth C. Laudon, Pearson, 20193. <i>Using MIS</i> (10th Global Edition), David M. Kroenke and Randall J. Boyle, Pearson, 20184. <i>Information Systems: A Manager's Guide to Harnessing Technology</i> (Version 7.0), John Gallaugher, Flat World Education, Inc., 20195. <i>Essentials of Management Information Systems</i> (13th Global Edition), Kenneth C. Laudon, Jane P. Laudon, Pearson, 2019

13. Means / Processes for Student feedback on Course

	Conducting mid-term survey in additional to SETL around the end of the semester
✓	Online response via Moodle site
✓	Others

14. Course Policy

1. Midterm exam is not to be missed. NO make-up exam will be provided under any circumstances including medical reasons.
2. Final exam is not to be missed unless under exceptional circumstances.
3. Attendance of all lectures is not mandatory but strongly encouraged. Exams will cover in-class discussions.
4. Plagiarism and copying of copyright materials are serious offences and may lead to disciplinary actions.
For details concerning plagiarism, please refer to: <http://www.hku.hk/plagiarism/page2s.htm>
5. Late penalty of assignments and projects: 25% deduction for 1 day overdue, 50% deduction for 2 days overdue, and 100% deduction for 3 days overdue.