

City University of Hong Kong

**Information on a Course
offered by Department of Information Systems
with effect from Semester A in 2014 / 2015**

Part I

Course Title:	Foundations of Information and Electronic Business Systems
Course Code:	IS5313
Course Duration:	One Semester (13 Weeks)
No. of Credit Units:	Three
Level:	P5
Medium of Instruction:	English
Prerequisites:	Nil
Precursors:	Nil
Equivalent Courses:	Nil
Exclusive Courses:	Nil

Part II

1. Course Aims:

This course aims to:

- provide an introduction to information systems (IS) in general and electronic business (e-business) applications in particular, and
- enable students to analyze the managerial issues related to information and e-business systems in organizations and deploy these systems effectively.

2. Course Intended Learning Outcomes (CILOs)

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

No.	CILOs	Weighting	PILO
1.	Conduct environmental and internal analyses to identify the needs for information and electronic business systems.	3	P1
2.	Explain the major types of information and e-business systems and their capabilities.	2	P1
3.	Explain in depth how organizations can strategically deploy information and e-business systems to achieve competitive advantage.	3	P2
4.	Assess emerging issues related to the use of information and e-business systems.	1	P1, P2

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

3. Teaching and learning Activities (TLAs)

(designed to facilitate students' achievement of the CILOs)

Seminar: 39 hours

TLA1: Lecture

The lectures will present core theoretical frameworks used to conduct environmental and internal analyses to identify the needs for information and e-business systems. Further, the lectures will present various types of information and e-business systems, and describe how these systems can be deployed to achieve competitive advantages for organizations. Finally, the lectures will present other emerging issues related to the use of such systems.

TLA2: Case Studies

Throughout the semester, students will apply and integrate what they learn through classroom discussions, textbook readings, and real-world case analysis. Students are expected to participate actively in in-class discussions to gain in-depth understanding of the key issues related to the cases.

TLA3: Projects

Students will conduct individual and/or group projects to apply the concepts learned in class, and use creative and critical thinking skills to communicate the ideas and results of their work.

CILO No	TLA1: Lecture	TLA2: Case Studies	TLA3: Project	Hours/week (if applicable)
CILO 1	2	2	1	---
CILO 2	2	1	2	---
CILO 3	2	2	2	---
CILO 4	2	1	1	---

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

4. Assessment Tasks/Activities

(designed to assess how well the students achieve the CILOs)

AT1: Discussion and Participation (25%)

The instructor encourages a two-way, interactive learning environment; thus, students are expected to participate *actively* in class. Discussion and participation opportunities include group discussions, self-reflections, individual presentations, and others.

AT2: Project (25%)

Students will be expected to demonstrate their understanding of the course material by applying the concepts in individual and/or group projects. A project typically comprises a written report as well as a project presentation and/or social media presentation.

AT3: Final Examination (50%, one 2-hour exam)

The final exam is used to assess the student's competence in the taught subjects and will cover the readings assigned in class as well as the lectures, tutorials, and cases and examples mentioned in class.

**** Students must pass BOTH coursework and examination in order to secure an overall pass in this course.****

CILO No	AT1: Continuous Assessment (25%)	AT2: Project (25%)	AT4: Final Examination (50%)	Remarks
CILO 1	2	1	2	1 – ILO moderately assessed by AT; 2 – ILO heavily assessed by AT.
CILO 2	2	2	2	
CILO 3	2	2	2	
CILO 4	1	2	1	

5. Grading of Student Achievement: Refer to Grading of Courses in the Academic Regulations for Taught Postgraduate Degrees.

ILO	Excellent	Good	Adequate	Marginal
CILO1	Rigorously and reflectively conduct environmental and internal analyses to identify the needs for information and electronic business systems	Competently conduct environmental and internal analyses with a substantial degree of rigour and reflectiveness	Conduct environmental and internal analyses with an adequate degree of rigour and reflectiveness	Conduct environmental and internal analyses with a minimal degree of rigour and reflectiveness
CILO2	Demonstrate superlative ability in explaining the major types of information and e-business systems and their capabilities	Demonstrate reasonable ability in explaining the major types of information and e-business systems and their capabilities	Demonstrate modest ability in explaining the major types of information and e-business systems and their capabilities	Demonstrate minimal ability in explaining the major types of information and e-business systems and their capabilities
CILO3	Demonstrate superlative ability in explaining how organizations can strategically deploy information and e-business systems to achieve competitive advantage	Demonstrate reasonable ability in explaining how organizations can strategically deploy information and e-business systems to achieve competitive advantage	Demonstrate modest ability in explaining how organizations can strategically deploy information and e-business systems to achieve competitive advantage	Demonstrate minimal ability in explaining how organizations can strategically deploy information and e-business systems to achieve competitive advantage
CILO4	Rigorously and reflectively assess emerging issues related to the use of information and e-business systems	Competently assess emerging issues related to the use of information and e-business systems with a substantial degree of rigour and reflectiveness	Assess emerging issues related to the use of information and e-business systems with an adequate degree of rigour and reflectiveness	Assess emerging issues related to the use of information and e-business systems with a minimal degree of rigour and reflectiveness

Part III

Keyword Syllabus:

Information Systems (IS), IS Capabilities, IS Infrastructure, Organizational Applications, Organizational Complements, Porter's Competitive Forces Model, The Value Chain, Generic Business Strategies, Electronic Business (e-Business), Internet, e-Business Models, B2C e-business, B2B e-business, C2C e-business, Enterprise Systems, Customer Relation Management Systems, Supply Chain Management Systems, IS Ethics, IS Privacy, and IS Security, Emerging Topics (e.g. Cloud computing, Social media and networks, Business intelligence and analytics, etc.).

Recommended Reading:

Valacich, J. & Schneider, C., Information Systems Today: Managing in the Digital World, 6th edition, Prentice Hall, 2013.