City University of Hong Kong
Course Syllabus

offered by Department of Information Systems
with effect from Semester A 2016 / 2017

Part I Course Overview

Course Title:	Foundations of Information and Electronic Business Systems
Course Code:	IS5313
Course Duration:	One Semester (13 weeks)
Credit Units:	3
Level:	P5
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 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)

(CILOs state what the student is expected to be able to do at the end of the course according to a given standard of performance.)

No.	CILOs	Weighting (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	*A2*	*A3*
1.	Conduct environmental and internal analyses to identify the needs for information and electronic business systems.	25%	✓	✓	
2.	Explain the major types of information and e-business systems and their capabilities.	30%			
3.	Explain in depth how organizations can strategically deploy information and e-business systems to achieve competitive advantage.	30%	✓	✓	
4.	Assess emerging issues related to the use of information and e-business systems.	15%	✓	✓	
		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 self-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. Teaching and Learning Activities (TLAs)

(TLAs designed to facilitate students' achievement of the CILOs.)

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

4. Assessment Tasks/Activities (ATs)

(ATs are designed to assess how well the students achieve the CILOs.)

Assessment Tasks/Activities	CILO No.				Weighting	Remarks
	1	2	3	4		
Continuous Assessment: 50%						
AT1: Discussion and Participation 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.	✓	✓	✓	✓	25%	
AT2: Project 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.	✓	✓	✓	✓	25%	
Examination: 50% (duration: one 2-hour exam)						
AT3: Final Examination 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.	✓	✓	✓	✓	50%	
					100%	

Note: Students must pass BOTH coursework and examination in order to get an overall pass in this course.

5. Assessment Rubrics

(Grading of student achievements is based on student performance in assessment tasks/activities with the following rubrics.)

Assessment Task	Criterion	Excellent (A+, A, A-)	Good (B+, B, B-)	Adequate (C+, C, C-)	Marginal (D)	Failure (F)
AT1: Discussion and Participation	Ability to conduct environmental and internal analyses to identify the needs for information and electronic business systems.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Ability to explain the major types of information and e-business systems and their capabilities.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Ability to explain in depth how organizations can strategically deploy information and e-business systems to achieve competitive advantage.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Capability to assess emerging issues related to the use of information and e-business systems.	High	Significant	Moderate	Basic	Not even reaching marginal levels
AT2: Project	Ability to conduct environmental and internal analyses to identify the needs for information and electronic business systems.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Ability to explain the major types of information and e-business systems and their capabilities.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Ability to explain in depth how organizations can strategically deploy information and e-business systems to achieve competitive advantage.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Capability to assess emerging issues related to the use of information and e-business systems.	High	Significant	Moderate	Basic	Not even reaching marginal levels
AT3: Final Examination	Ability to conduct environmental and internal analyses to identify the needs for information and electronic business systems.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Ability to explain the major types of information and e-business systems and their capabilities.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Ability to explain in depth how organizations can strategically deploy information and e-business systems to achieve competitive advantage.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Capability to assess emerging issues related to the use of information and e-business systems.	High	Significant	Moderate	Basic	Not even reaching marginal levels

Part III Other Information (more details can be provided separately in the teaching plan)

1. Keyword Syllabus

(An indication of the key topics of the course.)

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.).

2. Reading List

2.1 Compulsory Readings

(Compulsory readings can include books, book chapters, or journal/magazine articles. There are also collections of e-books, e-journals available from the CityU Library.)

1.	Valacich, J. & Schneider, C., Information Systems Today: Managing in the Digital World, Pearson, 7 edition (January 9, 2015)

2.2 Additional Readings

(Additional references for students to learn to expand their knowledge about the subject.)

1.	Nil