City University of Hong Kong
Course Syllabus

offered by Department of Information Systems
with effect from Semester A 2017 / 2018

Part I   Course Overview

Course Title:	Global Information Systems
Course Code:	IS5600
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)*	IS6600 Global Information Systems and Knowledge Management Applications in Organisations
Exclusive Courses: *(Course Code and Title)*	Nil

Part II   Course Details

1.   Abstract

The aims of this course are threefold:
*   to stimulate an understanding of the current state of global information systems in terms of their development, their capability, and their role in corporate and government strategy;
*   to explain what global information systems are in terms of theory and practice;
*   to give a foundation for the appreciation of how new types of information system will be likely to influence and change global business practices.

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.)

Upon successful completion of this course, students should be in a position to appreciate the current state of global information systems in terms of their capability to support organisations in operational and strategic matters, at the global level.   Examples from a variety of industries will be used to achieve a reasonably wide coverage.   Students will appreciate both theoretical and practical aspects of information systems, through a mix of academic introduction to the topic with practitioner/managerial assessment of the consequences of information system application. Students will also be trained to reflect on how new and emerging information systems may change organisations in the future.

No.	CILOs	Weighting (if applicable)	Discovery-enriched curriculum related learning outcomes (please tick where appropriate)		
			A1	*A2*	*A3*
1.	Describe and assess current IS capability for supporting and integrating operational and strategic organisational needs in a variety of different functional contexts in global organisations	30%	✓	✓	✓
2.	Reflect on cross-cultural differences in the way information systems are implemented and their impacts	40%			
3.	Forecast and analyse how emerging information systems applications will affect global organisations of the future	30%			
		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
		1	**2**	**3**	**(if applicable)**
TLA1 : Seminar	IS5600 is taught as a 3-hour seminar. Seminars are designed to contain a mix of "lecture" and "discussion", the latter often supported by case analysis. The following items form the content of the seminars: 1. Introduction to Global Information Systems and Global Culture. 2. The conversational nature of markets. The power of blogs, wikis and other user-edited content management systems. 3. Global Electronic Commerce. Key aspects of successful website design, e-shopper motivation, payment systems, legal and ethical issues. 4. Extending the Global Enterprise: Enterprise Resource Planning and Supply Chain Management. The leveraging power of information systems in organisations. 5. Virtual organisations, virtual teams, virtual work. Organisational responses to and ethical positions on emerging technologies. 6. Knowledge Management and Knowledge Sharing. The nature of knowledge. Informal and Codified IT-enabled approaches to knowledge harvesting. Problems associated with knowledge acquisition, maintenance, dissemination and re-contextualisation. Emerging KM developments. 7. Global Information Systems Strategy and Planning. 8. Business-IT Alignment. Balanced Scorecards. 9. IT Offshoring and Risk Management. 10. Global Information Systems Development with the Work Systems Method. Principles of Requirements Analysis, Systems Analysis and Systems Thinking. 11. Green IT 12. Big Data and Surveillance	✓	✓	✓	
TLA2 : Group Project	Students will be invited to work in small groups (sized 1-6 members) on a global IS project of their choice.	✓	✓	✓	
TLA 3 : In Class Participation	All students will be expected to participate actively in class.	✓	✓	✓	

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		
Continuous Assessment: 50%					
AT1. Seminar Exercises and Participation Each seminar will include the opportunity for students to engage in discussion about IT-related organisational cases.	✓	✓	✓	25%	
AT2. Group Project A small group project will require students to undertake a literature review, situation analysis, and change recommendation set of procedures for a specific organisational context. It is expected that the project report submitted will be holistically integrated, not merely stuck together.	✓	✓	✓	25%	
Examination: 50% (duration: one 2-hour exam)					
AT3. Examination A written examination is developed to assess each student's competence level of the taught subjects.	✓	✓	✓	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-)	Fair (C+, C, C-)	Marginal (D)	Failure (F)
AT1. Seminar Exercises and Participation	Ability to Superlatively describe and assess current global IS capability for supporting operational and strategic organisational needs.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Capability to reflect at a superlative level of sensitivity about the way in which cross-cultural differences will a) affect the way global IS can be implemented and b) the implementational consequences.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Ability to demonstrate superlative creativity in thinking about how emerging global IS applications will affect organisations of the future	High	Significant	Moderate	Basic	Not even reaching marginal levels
AT2. Group Project	Ability to describe and assess current global IS capability for supporting operational and strategic organisational needs.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Capability to reflect at a superlative level of sensitivity about the way in which cross-cultural differences will a) affect the way global IS can be implemented and b) the implementational consequences.	High	Significant	Moderate	Basic	Not even reaching marginal levels

	Ability to demonstrate superlative creativity in thinking about how emerging global IS applications will affect organisations of the future	High	Significant	Moderate	Basic	Not even reaching marginal levels
AT3. Examination	Ability to describe and assess current global IS capability for supporting operational and strategic organisational needs.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Capability to reflect at a superlative level of sensitivity about the way in which cross-cultural differences will a) affect the way global IS can be implemented and b) the implementational consequences.	High	Significant	Moderate	Basic	Not even reaching marginal levels
	Ability to demonstrate superlative creativity in thinking about how emerging global IS applications will affect organisations of the future	High	Significant	Moderate	Basic	Not even reaching marginal levels

Part III Other Information

1. **Keyword Syllabus**
   (An indication of the key topics of the course.)

   Cultural Differences and Information Systems; Enterprise Resources Planning; Global IS Strategy & Planning; Global E-Commerce Cases; Outsourcing/Offshoring; Social networking technology for knowledge management and sharing; Privacy and Security issues for IS and KM, including knowledge and information asset management; Surveillance and Big Data; Virtual Work, Teams and Organisations; E-Commerce; IT-Enabled Organisational Integration and Transformation; IS Strategy and Planning; IT and Work Systems; cross-cultural sensitivity in global IS.

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.	McNurlin & Sprague (latest edition), Information Systems Management in Practice

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

1.	Nil

2.3 **Online Resources**

   www.misqe.org
   www.cio.com
   www.mckinseyquarterly.com

- Updated SYL template in July 2017.