

SUMMARY OF INFORMATION ON EACH COURSE

1.	Name of Course	Management Information Systems	
2.	Course Code	TIS2251	
3.	Status of Course [Applies to (cohort)]	Specialisation Core for B.IT (Hons) Information Technology Management	
4.	MQF Level/Stage Note : <i>Certificate – MQF Level 3</i> <i>Diploma – MQF Level 4</i> <i>Bachelor – MQF Level 6</i> <i>Masters – MQF Level 7</i> <i>Doctoral – MQF Level 8</i>	Bachelor – MQF Level 6	
5.	Version (State the date of the Senate approval – history of previous and current approval date)	Date of previous version :	June 2014
		Date of current version :	January 2017
6.	Pre-Requisite	None	
7.	Name(s) of academic/teaching staff	Neo Han Foon Siti Fatimah Razak	
8.	Semester and Year offered	Trimester 2, Year 2	
9.	Objective of the course in the programme : Students will get an overview of the importance of information systems in businesses today. The course covers fundamentals of information systems, its technical foundations and core applications for improved decision making.		
10.	Justification for including the course in the programme : It is important to understand how today business firms use information technologies and systems to achieve corporate objectives. Information systems are one of the major tools available to business managers for achieving operational excellence, developing new products and services, improving decision making and achieving competitive advantages. Students will be exposed to the current and comprehensive mechanisms of information systems used by business firms today.		
11.	Course Learning Outcomes :	Domain	Level
	LO1 Comprehend the essentials of information systems.	Cognitive	Level 2
	LO2 Interpret information systems technical foundations.	Cognitive	Level 3
	LO3 Describe core information systems applications.	Cognitive	Level 4

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	LO4 Evaluate enterprise applications for improved business performance.	Cognitive	Level 4
12.	Mapping of Learning Outcomes to Programme Outcomes :		
	Learning Outcomes	PO1	PO2
		PO3	PO4
		PO5	PO6
		PO7	PO8
		PO9	
	LO1	X	
	LO2	X	
	LO3	X	X
	LO4	X	X
13.	Assessment Methods and Types :		
	Method and Type	Description/Details	Percentage
	1 Quiz	Online	10%
	2 Assignment	Group Project	20%
	3 Test	Written examination	20%
	4 Final Exam	Written examination	50%
14.	Mapping of assessment components to learning outcomes (LOs)		
	Assessment Components	LO1	LO2
		LO3	LO4
	Assessment 1: Quiz	13	13
	Assessment 2: Assignment		17
	Assessment 3: Test		33
	Assessment 4: Final Exam	25	25
		63	63
			83
15.	Details of Course		
	Topics	Mode of Delivery (eg : Lecture, Tutorial, Workshop, Seminar, etc.) Indicate allocation of SLT (lecture, tutorial, lab) for each subtopic	
		Lecture	Tutorial
	1. Information Systems in Global Business Today Information Systems and business, perspectives of information systems, complementary assets investments.	2	1
	2. Global E-Business and Collaboration Business processes and information systems, management hierarchy in organization and information system, systems for collaboration and social business.	2	1

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<p>3. IT Infrastructure and Emerging Technologies Stages and drivers of IT infrastructure evolution, IT infrastructure components, contemporary hardware platforms, contemporary software platforms, challenges in managing IT infrastructure.</p>	4	2
<p>4. Foundations of Business Intelligence: databases and Information Management Data resources management in traditional file environment, capabilities of database management systems, tools and technologies to access information for improved business performances, information policy and data quality assurance to manage firm's data resources.</p>	4	2
<p>5. Telecommunications, the Internet and Wireless Technology Principal components of telecommunications networks, types of networks, Internet technology for e-business, wireless networking, communication and Internet access.</p>	4	2
<p>6. Securing Information Systems Information systems vulnerabilities, business value of security and control, components of organizational framework for security and control, tools for safeguarding information resources.</p>	4	2
<p>7. Achieving Operational Excellence and Customer Intimacy Enterprise systems, supply chain management systems, customer relationship management systems, challenges of enterprise applications.</p>	2	1
<p>8. E-Commerce: Digital Markets, Digital Goods E-commerce features, digital markets and digital goods, principle e-commerce business and revenue models, e-commerce and marketing transformation, m-commerce.</p>	2	1

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	9. Managing Knowledge Knowledge management in business, enterprise-wide knowledge management and business value, types of knowledge work systems and business value, knowledge management and intelligent techniques.	2	1
	10. Enhancing Decision Making Types of management decisions and information systems, business intelligence and business analytics for decision making, decision support for operational, middle management and senior management.	2	1
	TOTAL	28	14
	Total Student Learning Time (SLT)	Face to Face / Guided Learning	Independent Learning
	Lecture	28	28
	Tutorials	14	14
	Laboratory/Practical	0	0
	Presentation	0	0
	Assignment	0	11
	Mid Term Test	1	4
	Final Exam	2	18
	Sub Total	45	75
	Total SLT	120	
16.	Credit Value	3	
17.	Reading Materials :		
	Textbooks		
	Laudon, K. C. & Laudon, J. P., "Management Information Systems: Managing The Digital Firm", 14th Ed. Pearson Education Inc., 2016. ISBN13: 9780133898163		
	Reference Material (including 'Statutes' for Law)		
	Laudon, K. C. & Laudon, J. P., "Essentials of MIS", 12th Ed. Pearson Education Inc., 2017. ISBN13: 9780134238241		

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Appendix (to be compiled when submitting the complete syllabus for the programme) :

1. Mission and Vision of the University and Faculty
2. Programme Objectives or Programme Educational Objectives
3. Programme Outcomes (POs)
4. Mapping of POs to the 8 MQF domain
5. Summary of the Bloom's Taxonomy's Domain Coverage in all the Los in the format below :

Subject	Learning Outcomes (please state the learning Outcomes)	Bloom's Taxonomy Domain		
		Affective	Cognitive	Psychomotor
ABC1234	Learning Outcome 1			
	Learning Outcome 2			
	Learning Outcome 3			
	Learning Outcome 4			
DEF5678	Learning Outcome 1			
	Learning Outcome 2			
	Learning Outcome 3			
	Learning Outcome 4			

6. Summary of LO to PO measurement
7. Measurement and Tabulation of result for LO achievement
8. Measurement Tabulation of result for PO achievement