

1.	Name of Course/Module	Enterprise Resource Planning	
2.	Course Code	TER2611	
3.	Status of Subject	Major for B.IT Information Technology Management	
4.	MQF Level/Stage	Bachelor Degree – MQF Level 6	
5.	Version (state the date of the last Senate approval)	June 2012	
6.	Requirement for Registration	None	
7.	Name(s) of academic/teaching staff	Lee Chin Poo Goh Pey Yun	
8.	Semester and Year offered	Trimester 1 (Delta Level)	
9.	Objective of the course/module in the programme :		
	To understand the role of Enterprise Resource Planning in business planning activities.		
10.	Learning Outcomes :		
	At the completion of the subject, students should be able to:		
	LO1: Describe the basic concept of ERP role in an organisation (Cognitive, Level 1).		
	LO2: Demonstrate understanding of principles in the development, implementation and use of ERP (Cognitive, Level 3).		
	LO3: Relate the components of ERP to its management and implementation issues (Cognitive, Level 4).		
	LO4: Compare ERP and other emerging tools (Cognitive, Level 6).		
11.	Synopsis:		
	This course exposes students on the influences of enterprise resource planning in a manner of companies conduct business and how they plan and manage their resources.		
	Subjek ini memberi pendedahan kepada pelajar tentang pengaruh perancangan sumber sesebuah organisasi dalam menjalankan perniagaan dan bagaimana mereka menguruskan sumber-sumber yang ada.		
12.	Mapping of Subject to Programme Outcomes :		
	Programme Outcomes		% of Contribution
	PO1: Apply soft skills in work and career related activities.		33.33
	PO7: Demonstrate knowledge and understanding of essential facts, concepts, principles, and theories relating to information technology management.		33.33
	PO8: Apply principles and knowledge of information technology management in relevant areas.		33.33
13.	Assessment Methods and Types :		
	Method and Type	Description/Details	Percentage

	Test	Written Exam	20%
	Quiz	Written Exam	10%
	Assignment	Report and Presentation	20%
	Final Exam	Written Exam	50%
14.	Details of Subject		
	Topics	Mode of Delivery	
		Lecture	Tutorial
	1. Introduction & ERP Background Why ERP?, Background of ERP, Role of ERP in the organization, Technology enable ERP (computing facilities, network facilities, storage facilities), ERP Business process, functions and data requirement.	4	2
	2. ERP System & Reengineering ERP data input, ERP Output : report, data warehouse, intranet, Technology enable reengineering.	4	2
	3. Component of ERP Systems Components/Modules of ERP Systems, Marketing Information System and Sales Order Processing, Production and Material of Information System, Accounting and Finance, Customer Relationship Management, Human Resources.	6	3
	4. ERP Life Cycle Decision to go for ERP, Choosing ERP System, Designing ERP System, ERP Design Issue: Model, Standard, Artifacts and Process, Implementing ERP, Post "Go Live", Training, Post implementation.	6	3
	5. Collaborative & Extended Enterprise Systems IT General Control and Outsourcing ERP, Security of ERP, Business Intelligence, Knowledge Management.	4	2
	6. ERP and Internet ERP, E-Commerce and WWW, ERP Risk: Success and Failure Factor.	4	2
	Total	28	14
15.	Tutorials		
	<ul style="list-style-type: none"> • Case study • Group discussion • Tutorial questions • Presentation 		
16.	Total Student Learning Time (SLT)	Face to Face (Hour)	Total Guided and Independent Learning
	Lecture	28	28
	Tutorials	14	14
	Laboratory/Practical	-	-
	Presentation	0.5	1.5
	Assignment	-	12
	Mid Term Test	1	5
	Final Exam	2	18
	Quizzes (2 times)	-	2
	Sub Total	45.5	80.5
	Total SLT	$126/40 = 3.15 \Rightarrow 3$	

17.	Credit Value	3
18.	Reading Materials :	
	Textbook	Reference Materials
	<ol style="list-style-type: none"> 1. Monk, E. & Wagner, B. (2005). Concepts in Enterprise Resource Planning. 2nd. ed. Thomson Course Technology, Boston. 2. O'Leary, D.E. (2000). Enterprise Resource Planning Systems. 1st. ed. Cambridge University Press, Cambridge. 	<ol style="list-style-type: none"> 1. Gerald, B., King, N., and Natchek, D. (2002). Oracle E-Business Suite Manufacturing & Supply Chain Management. McGraw-Hill Osborne Media. 2. Langenwalter, G. (2000). Enterprise Resource Planning and Beyond: Integrating Your Entire Organization. The St. Lucie Press/APICS Series on Resource Management.
19.	Appendix (to be compiled when submitting the complete syllabus for the programme) :	
	<ol style="list-style-type: none"> 1. Mission and Vision of the University and Faculty 2. Mapping of Programme Objectives to Vision and Mission of Faculty and University 3. Mapping of Programme Outcome to Programme Objectives 4. Programme Objective and Outcomes (Measurement and Descriptions) 	