

Universiti Tunku Abdul Rahman			
Form Title: Teaching Plan			
Form Number : FM-LKCFES-FMC-AC-001	Rev No : 1	Effective Date: 07/12/2016	Page No : Page 1 of 4

Part A:

1.	Course Code & Course Title:	UECS2033 Software Project Management
2.	Year of Study	Y1/T2 or Y1/T3 or Y2/T3
3.	Credit Hour:	3 credits
4.	Lecturer:	Dr. Wong Whee Yen, Winnie
5.	Tutor:	Mr. Wong Chim Chwee
6.	Year and Trimester:	May 2017
7.	Objectives:	<ol style="list-style-type: none"> 1. Introduce to students the genesis of project management and its importance 2. Equip students with the knowledge of project management terms, principles and techniques 3. Train students to follow good project management practices and appreciating its importance
8.	Course Outcomes (CO):	<ol style="list-style-type: none"> 1. Describe the fundamental concept of project management 2. Apply project management concepts and knowledge by working on a group project with pre-assigned roles as Project Manager / Project Leader / Team Member 3. Breakdown a complex project into smaller manageable tasks using different approaches 4. Relate and integrate all the knowledge areas and how it impacts each other in the context of any IT projects 5. Develop necessary project-related documents on any given case studies
9.	References:	<p>Main Text:</p> <ol style="list-style-type: none"> 1. Schwalbe, K. (2014). <i>Information technology project management</i>. (7th Ed.). Boston, MA: Thomson/Course Technology. <p>Additional Text:</p> <ol style="list-style-type: none"> 2. Marchewka, J. T. (2013). <i>Information technology project management</i>. (4th Ed.). New Jersey: Wiley. 3. 2. Lock D. (2013). <i>Project Management</i>. (10th Ed.). Burlington, VT : Gower.

Universiti Tunku Abdul Rahman			
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Form Number : FM-LKCFES-FMC-AC-001	Rev No : 1	Effective Date: 07/12/2016	Page No : Page 1 of 4

Part B: Methods of Assessment

For Reference Only

CO1: Describe the fundamental concept of project management
 CO2: Apply project management concepts and knowledge by working on a group project with pre-assigned roles as Project Manager / Project Leader / Team Member
 CO3: Breakdown a complex project into smaller manageable tasks using different approaches
 CO4: Relate and integrate all the knowledge areas and how it impacts each other in the context of any IT projects
 CO5: Develop necessary project-related documents on any given case studies

No.	CO	Programe Outcomes (PO)	Domain & Taxonomy Level* (e.g. A2 / C3 / P5)	Delivery Methods (e.g. L, T, P, Case Study, Site Visit, etc.)	Assessment Methods& Mark Breakdown*								
					Assignment			Test #1			Test #2		Exam
					(Sec A)	(Sec B)	(Sec C)	Q1	Q2	Q3	Q1	Q2	
					WBS	Proj. Doc	Trello	Concepts	Concepts	Proj Doc	Mini Case	Calculation	
					10%	5%	5%	3%	3%	4%	5%	5%	100%
1	CO1	PO1	C2	L, T, Case Study, Assignment				X	X				X
2	CO2	PO2	C3	L, T, Case Study, Assignment			X						
3	CO3	PO2	C4	L, T, Assignment, Case Study	X								X
4	CO4	PO2	C5	L, T, Case Study, Assignment							X	X	X
5	CO5	PO3	C5	L, T, Case Study, Assignment		X				X			X

* Domain – Affective (A), Cognitive (C), Psychomotor(P); Taxonomy Level – A (Level 1 – 5), C (Level 1 – 6), P (Level 1 – 7)

* Assessment methods and the mark breakdown must be tally with the teaching workload approved by Senate

** One assessment method can be mapped to ONLY one CO.

$$*** \text{ Assignment TLT} = \frac{\# \text{ weeks} \times 3 \text{ hrs/w}}{\# \text{ students in group}}$$

Assignment TLT:

$$= \frac{(Wk\#12 \text{ to } Wk\#1) \times 3 \text{ hrs/w}}{4 \text{ students in group}}$$

 = 9 hours

Specific Tasks:

- Identify components of assignment
- Sharing and discussion of Assignment
- Distribution of assignment at WBLE

Total Assignment TLT:
= Assignment + Test #1 + Test #2 + Exam + Self-Learning
= 9 + 1.5 + 1.5 + 2 + 10
• = 24 (as per in syllabus)

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Part C: Lecture, Tutorial & Assignment Plan

Wk	Lecture Topic	Tutorial/Practical Topic	Assessments/ Specific Tasks
1	Topic 1: Introduction to Project Management <ul style="list-style-type: none"> Defines what a project is, what project management entails, and other project management key terms It also relates project management to other disciplines, provides a brief history of project management, and discusses the project management profession 	<ul style="list-style-type: none"> Tutorial/Case Study Assignment / Case Study Discussion 	<ul style="list-style-type: none"> Assignment Grouping Distribution of Assignment on 31st May 2017 via WBLE <p>Specific Tasks: (Assignment)</p> <ul style="list-style-type: none"> Identify components of assignment Sharing and discussion of Assignment Distribution of assignment at WBLE
2	Topic 2: The Project Management & Information Technology Context <ul style="list-style-type: none"> Describes the importance of taking a systems view when selecting and working on projects, understanding organizations and stakeholders, the project and product life cycles, the unique nature of information technology projects, and important skills and attributes for good project managers 	<ul style="list-style-type: none"> Tutorial/Case Study Assignment / Case Study Discussion 	
3	Topic 3: Project Integration Management <ul style="list-style-type: none"> Describes project plan development, project plan execution, and integrated change control Emphasizes the importance of making sure projects fit into the big picture of an organization It also highlights the need for new project managers to let go of doing detailed technical and focus on project management 	<ul style="list-style-type: none"> Tutorial/Case Study Assignment / Case Study Discussion 	
4	Topic 4: Project Scope Management <ul style="list-style-type: none"> Describes various methods for selecting projects, including using various financial analysis techniques, weighted scoring models, and a balanced scorecard Important tools include developing a project charter, scope statement, and work breakdown structure 	<ul style="list-style-type: none"> Tutorial/Case Study Assignment / Case Study Discussion 	
5	Topic 5: Project Time Management <ul style="list-style-type: none"> Discusses another very important knowledge area and part of the triple constraint-project time management Important concepts such as include developing project schedules, creating network diagrams and Gantt charts, critical chain scheduling, and PERT 	<ul style="list-style-type: none"> Tutorial/Case Study Assignment / Case Study Discussion 	Assignment Submission (Sec C(i) Submission), Wednesday, 28th June 2017 (During lecture)
6	Topic 6: Project Cost Management <ul style="list-style-type: none"> Introduction that comprises the triple constraint-project cost management Important topics include basic project cost management principles, concepts, and terms, resource planning, types of cost estimates, cost budgeting, earned value management, and project portfolio management 	<ul style="list-style-type: none"> Tutorial/Case Study Assignment / Case Study Discussion 	Test #1, Wednesday, 5th July 2017 (Lecture hour)
7	Topic 7: Project Quality Management <ul style="list-style-type: none"> Highlights the importance of quality on information technology projects, defines quality and quality management, and explains the processes of quality planning, quality assurance, and quality control 	<ul style="list-style-type: none"> Tutorial/Case Study Assignment / Case Study Discussion 	

Universiti Tunku Abdul Rahman			
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Form Number : FM-LKCFES-FMC-AC-001	Rev No : 1	Effective Date: 07/12/2016	Page No : Page 2 of 4

Wk	Lecture Topic	Tutorial/Practical Topic	Assessments/ Specific Tasks
	<ul style="list-style-type: none"> It provides examples of various tools and techniques such as Pareto diagrams, and using Six Sigma 		
8	Topic 8: Project Human Resource Management <ul style="list-style-type: none"> There are many important topics devoted to improve human resource management Review basic topics like motivation and emphasize what project managers and teams need to know to make effective use of human resources. 	<ul style="list-style-type: none"> Tutorial/Case Study Assignment / Case Study Discussion 	
9	Topic 9: Project Communications Management <ul style="list-style-type: none"> Explains the processes involved in project communications management, methods for improving project communications, and how various types of software can enhance communications 	<ul style="list-style-type: none"> Tutorial/Case Study Assignment / Case Study Discussion 	
10	Topic 10: Project Risk Management <ul style="list-style-type: none"> One of the most misunderstood knowledge areas of project management Important topics include understanding what risk is and why it is important, the processes, tools and techniques such as probability/impact matrices and Top Ten Risk Item tracking 	<ul style="list-style-type: none"> Tutorial/Case Study Assignment / Case Study Discussion 	Test #2, Wednesday, 2nd Aug 2017 (Lecture hour)
11	Topic 11: Project Procurement Management <ul style="list-style-type: none"> Provides an introduction project procurement management Important topics include the growth in procurement for information technology projects and the processes involved in procurement management 	<ul style="list-style-type: none"> Tutorial/Case Study Assignment / Case Study Discussion 	
12	Revision	<ul style="list-style-type: none"> Tutorial/Case Study Assignment / Case Study Discussion 	<ul style="list-style-type: none"> Assignment Submission (Sec A, B, C & D), Wednesday, 16th Aug 2017
13	N/A	N/A	N/A
14	N/A	N/A	N/A

(Please ensure your course teaching plan covers all of the topics as per syllabus)

This Teaching Plan is:

Prepared by: _____ (Name: Dr Wong Whee Yen) Course Coordinator	Moderated by: _____ (Name: Dr Tay Yong Haur) Moderator	Approved by: _____ (Name: Dr Madhavan) Head of Department
Date: ____ May 2017____	Date: ____ May 2017____	Date: ____ May 2017____