



TIMELINE FOR UNIT 4 TERM 3

Week	Theory	Practical	Learning Activities	Assessment
1	<u>Organisations and information systems</u> a) Types of goals of organisations and information systems b) Components of information systems c) Characteristics of decision-making in organisations <u>PSM – Analysis</u> <u>Information problems</u> a) Analysis of information problems	RDBMS or SS	i. Give students a description of several information systems and ask them to identify the information system type. ii. Give students several decision statements and ask them to determine the information required to make the decision, the decision type (strategic, tactical, operational) and the decision time frame.	Any of: <ul style="list-style-type: none"> • Questions/tasks from a text book • Glossary testing/ Development • Analysis of relevant media articles • Mini outcome tasks • Tests on Key knowledge and Key skills
2	<u>PSM – Design</u> b) Design tools for representing the functionality and appearance of solutions c) Criteria for evaluating the efficiency and effectiveness of solutions to ongoing information systems <u>PSM – Development</u> d) Use of functions, techniques, procedures, formats and conventions in RDBMS or SS	RDBMS or SS	i. Produce a folio of work that shows progression in the development of a RDBMS or spreadsheet. In this folio explore the Key knowledge and Key skills associated with the development of a solution for this outcome. ii. Add more complexity to the RDBMS task set for Unit 3 Outcome 2 so that students practise the application of the other RDBMS tools and functions required in this unit. iii. If applicable, have students develop a spreadsheet solution to the design brief given for Unit 3 Outcome 2.	
3	<u>PSM – Development</u> e) Validation and testing techniques in RDBMS or SS <u>PSM – Evaluation</u> f) Strategies for evaluating the extent to which solutions meet organisations' needs.	RDBMS or SS	i. Provide students with case studies and part solutions from previous outcome tasks which required a spreadsheet solution and ask students to apply validation techniques to make the solution more effective and to test the solution.	
4	<u>User Documentation</u>	RDBMS or SS	i. Ask students to find samples of the different	



	<ul style="list-style-type: none"> a) Content and types of onscreen user documentation b) Characteristics of efficient and effective user interfaces and information architecture of onscreen user documentation 		types of onscreen user documentation and identify their characteristics. Discuss their purpose, audience, other and how the structure/design of the documentation suits the purpose and audience.	
5	Outcome 1			
Week	Theory	Practical	Learning Activities	Assessment
6	Outcome 1			
7	Outcome 1			
8	<u>Information Management</u> <ul style="list-style-type: none"> a) Reasons why data and information are important to organisations b) Key legislation relating to storage, communication and disposal of data and information in organisations c) Threats to the integrity and security of data and information d) Procedures and equipment for preventing unauthorised access to data and information and minimising loss of data 		<ul style="list-style-type: none"> i. Summarise the key legislation that is found on pages 13 and 37 of the Study Design. ii. Find current media that relates to several of the Key knowledge for this outcome and set comprehension questions for students to answer. 	Any of: <ul style="list-style-type: none"> • Questions/tasks from a text book • Glossary testing/ Development • Analysis of relevant media articles • Mini outcome tasks • Tests on Key knowledge and Key skills
9	<u>Information Management</u> <ul style="list-style-type: none"> e) Cloud computing f) Ethical dilemmas g) Strategies for resolving legal, ethical and social tensions between stakeholders h) Consequences of ineffective information management strategies i) Disaster recovery strategies j) Criteria for evaluating the efficiency and effectiveness of information management 		<ul style="list-style-type: none"> i. Watch You Tube videos 'Cloud Computing Explained and 'Cloud Computing Plain and Simple'. ii. Find current media that describes the consequences of ineffective management strategies and ask students to propose and justify information management practices that would have avoided the disaster/loss of data. 	



	strategies			
10	Outcome 2			

TIMELINE FOR UNIT 4 TERM 3

- Study for end of year exam