

Subject Description Form

Subject Code	COMP 5321
Subject Title	Enterprise Web and Internet Computing for Managers
Credit Value	3
Level	5
Pre-requisite/ Exclusion	Prerequisite: Nil Exclusion: COMP5322 Internet Computing and Applications
Objectives	The course is designed to provide a high level, managerial perspective of the evolving landscape of Web and Internet Computing. Specifically, the subject aims to introduce to students the fundamental concepts and applications of Web and Internet technologies, and their increasing impact on enterprise e-solutions. The subject is augmented with engaging coverage of Enterprise 2.0 concepts that exposes students to Web 2.0 tools in social and enterprise environments.
Intended Learning Outcomes	After completing this subject, students should be able to: <ul style="list-style-type: none"> a) understand the fundamental concepts of Web and Internet technologies, and how they impact development of future enterprise information systems; b) identify necessary concepts that may equip them to understand future technological advancements in Web and Internet; and c) apply technical knowledge for strategic IS deployment decisions.
Subject Synopsis/ Indicative Syllabus	<p>Web and Internet Fundamentals</p> <ul style="list-style-type: none"> • Why use web and internet technology for enterprise IS? • Internet Architecture • Web 1.0 • Protocols and Services • Computing model <p>Introduction to Web 2.0</p> <ul style="list-style-type: none"> • Web 2.0 vs Web 1.0 • Harnessing Web 2.0 for Enterprise • Challenges and Opportunities • Web computing thru' Rich Internet Applications (RIA) • Collaborative contents and computing <p>Social Networking and Mobility</p> <ul style="list-style-type: none"> • Business value of social networks • Case study on successful social network sites • Mobile social networking • On-the-move enterprise computing • Standard and Interface • Security and Privacy <p>Internet Groupware Processing</p> <ul style="list-style-type: none"> • Benefits of groupware for enterprise IS

	<ul style="list-style-type: none"> • What is groupware? • Enterprise workflow • Groupware market overview <p>Cloud Computing</p> <ul style="list-style-type: none"> • Business value of cloud computing • Case study • Challenges and opportunities <p>Intranet Administration and Management</p> <ul style="list-style-type: none"> • The need for efficient administration • Organizing Hierarchy • Access Control • Administration Tools 																							
Teaching/Learning Methodology	<p>There will be a mix of lectures, discussions and case study analysis. Recent articles in the area of web and internet computing strategies will also be reviewed and discussed in lectures. To incorporate practical aspect to this subject, students will be given the opportunity to apply study materials and concepts taught in the class to their organization environment in the form of case study and report.</p>																							
Assessment Methods in Alignment with Intended Learning Outcomes	<table border="1" data-bbox="580 1016 1353 1294"> <thead> <tr> <th rowspan="2">Specific Assessment Methods/Tasks</th> <th rowspan="2">% weighting</th> <th colspan="3">Intended subject learning outcomes to be assessed</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> </tr> </thead> <tbody> <tr> <td>Assignments, Tests & Projects</td> <td>55</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Final Examination</td> <td>45</td> <td>✓</td> <td>✓</td> <td>✓</td> </tr> <tr> <td>Total</td> <td>100</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Specific Assessment Methods/Tasks	% weighting	Intended subject learning outcomes to be assessed			a	b	c	Assignments, Tests & Projects	55	✓	✓	✓	Final Examination	45	✓	✓	✓	Total	100			
Specific Assessment Methods/Tasks	% weighting			Intended subject learning outcomes to be assessed																				
		a	b	c																				
Assignments, Tests & Projects	55	✓	✓	✓																				
Final Examination	45	✓	✓	✓																				
Total	100																							
Student study effort expected	<p>Class Contact:</p> <table border="1" data-bbox="580 1384 1353 1420"> <tr> <td>Class activities (lecture, tutorial, lab)</td> <td>39 hours</td> </tr> </table> <p>Other student study effort:</p> <table border="1" data-bbox="580 1451 1353 1487"> <tr> <td>Assignments, Quizzes, Projects, Exams</td> <td>65 hours</td> </tr> </table> <p>Total student study effort 104 hours</p>	Class activities (lecture, tutorial, lab)	39 hours	Assignments, Quizzes, Projects, Exams	65 hours																			
Class activities (lecture, tutorial, lab)	39 hours																							
Assignments, Quizzes, Projects, Exams	65 hours																							
Reading list and references	<ol style="list-style-type: none"> (1) Gary B. Shelly and Mark Frydenberg, "Web 2.0 Concepts and Applications", Course Technology, 2010. (2) Krishna Sankar and Susan A. Bouchard, "Enterprise Web 2.0 Fundamentals", Cisco Press, 2009. (3) Amy Shuen, "<i>Web 2.0: A Strategy Guide: Business thinking and strategies behind successful Web 2.0 implementations</i>", O'Reilly, 2008 																							