

BUSI0060A - INFORMATION SYSTEMS DEVELOPMENT AND PROJECT MANAGEMENT I

Course Syllabus 2007 – 2008 1 Semester

Course Objectives

This course focuses on the systems approach to the planning, scheduling, control, and evaluation of information system (IS) & information technology (IT) related project management. The basic tools and techniques of project management are explored. Projects are temporary endeavors that organizations and individuals undertake to create a unique product or service. Projects are developed and managed through a defined set of procedures producing a consistent and effective management methodology. Special emphasis is placed on engineering, management, and control of IS/IT related business project. The assessment of evaluation on information quality is also addressed in the context of project management. The topics include management on scope, time, cost, quality, human resource, communication, risk, and procurement.

- Understand and apply the fundamental tools and techniques of project management.
- Develop knowledge of principles, concepts, and methods in the leadership of complex projects from a systems perspective.
- Perform conceptual design, planning, scheduling, and control for a technical project.
- Develop capabilities for understanding, assessing, and resolving human, technical, and administrative issues for deployed projects.
- Demonstrate sophistication and competency in design, analysis, and evaluation of project management systems in a technical environment.

This course is designed to integrate coursework in business and engineering through the business case study, role-play/discussion, and completion of a team-based design project. This project is carried out by student groups, and involves the application of a real-world problem. It deals with design/development issues encountered in business world.

Instructor



Dr. Benjamin Yen

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Lecture	Tuesday	09:30-11:30	TBA
	Thursday	09:30-10:20	TBA

Demonstrator TBA

Tutorial TBA

Textbook

- **Project Management: Tools and Trade-offs**
by Ted Klasterin, Wiley, August 26, 2003, ISBN: 0471413844

References

- **Project Management : A Managerial Approach (6th ed.)**
by Jack R. Meredith, Samuel J. Mantel, Wiley, 2006
- **Project Management Case Studies (2nd ed.)**
by Harold Kerzner, Wiley, 2006
- **Information Technology Project Management: Providing Measurable Organizational Value (2nd ed.)**



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by Jack T. Marchewka, John Wiley & Sons; January 9, 2006

- **Introduction to Information Systems Project Management (2nd ed.)**
by David Louis Olson, McGraw Hill, 2001/2004
- **A Guide to the Project Management Body of Knowledge (PMBOK Guide)**
by Project Management Institute, December 2000
- **Information Technology Project Management (4th ed.)**
by Kathy Schwalbe, Course Technology, March 15, 2005
- **Project Management for Information Systems (3rd ed.)**
by James Cadle & Donald Yeates (Editor), Financial Times Management; September 2001
- **Information Systems Project Management: Methods, Tools and Techniques**
by John McManus, Trevor Wood-Harper, Trans-Atlantic Pubns, January 1, 2003

Grading

In-class participation (10%)
▪ Participation in class discussion, presentation and playing a proactive role in other in-class activities.
Individual written assignment (40%)
▪ Question/answer, summary of reading, and research. * <i>Electronic submission preferable; No late submission</i>
Midterm (closed-book, in class) (20%)
▪ In class / Closed-book
Group Case Study (30% = 15% Report + 15% Presentation)
▪ Guideline will be distributed in the class. ▪ Topics will be either assigned by lecturer or proposed by project members (with lecturer's approval). * <i>You are required to give a 15-20-minute presentation of the written report followed by Q&A.</i>

Lecture Schedule

Week	Subject	CH	HW	Due
1	(04/09) (06/09) <i>Course Introduction</i> <i>Introduction to Project Management</i>	1		
2	(11/09) (13/09) <i>Project Initiation, Selection and Planning</i>	2	#1	
3	(18/09) (20/09) <i>Project Team and Organizational Prelateships</i>	3		#1
4	(25/09) (27/09) <i>Precedence Networks and the Critical Path Methods (CPM)</i>	4	#2	
5	(02/10) (04/10) <i>Planning to Minimize Costs</i>	5		#2
6	(09/10) (11/10) <i>Planning with Uncertainty</i>	6	#3	
7	(16/10) (18/10) ☺ Study Break (no lecture)			#3
8	(23/10) (25/10) Midterm <i>Case Study Review</i>			
9	(30/10) (01/11) <i>Risk Management</i>	7		
10	(06/11) (08/11) <i>Resource Management</i>	8		
11	(13/11) (15/11) <i>Monitoring and Control</i>	9	#4	
12	(20/11) (22/12) <i>Project Procurement Management and Outsourcing</i>			#4
13	(27/11) (29/11) <i>Project Implementation, Closure, and Evaluation</i> <i>Managing Multiple Projects</i>	10		
	(04/12) ☺ Study Break (no lecture)			
	(06/12) Case Presentation (to be confirmed)			



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Course Web Site: <http://www.business.hku.hk/~benyen/COURSE/B0060a/>

Login: busi0060a Password: it451

COURSE POLICIES - Academic Dishonesty

The University Regulations on academic dishonesty will be strictly enforced. Please check the University Statement on plagiarism at <http://www.hku.hk/plagiarism/>

Where a candidate for a degree or other award uses the work of another person or persons without due acknowledgement:

- The relevant Board of Examiners may impose a penalty in relation to the seriousness of the offence;
- The relevant Board of Examiners may report the candidate to the Senate, where there is prima facie evidence of an intention to deceive and where sanctions beyond those in (a) might be invoked.