

Department of Computer Engineering			
IT Business Management (66475)			
Total Credits		3	
major compulsory			
Prerequisites		P1 : Software Engineering (66312)	
Course Contents			
Topics include management of IT systems, software and hardware, e-commerce, and network management. The course also emphasizes how to start and manage IT business feasibility study. Part 1. Fundamental of Management Definition of management The four function of management Definition of organization Models of management ( systems &behavioral approach ) The manager roles and management levels Fundamental management skills Current management issues. Part 2. The Role of IT in Business Classification of businesses Objective of IT in business The difference between information systems and information technology and their impact on businesses. The classification of Information systems The impact of IT on Strategy and Operations Integration of IT in strategy Part 3. IT as a Business Model Business model E-Business models by roles E-commerce business models Entrepreneurship Part 4. Managerial Accounting Business activities and performance measurements The difference between financial and managerial accounting The four financial statements Cost classifications Introduction to budgeting Part 5. Managing a Networked Infrastructure The evolution of business computing Todays IT managerial tasks (strategic, tactical , and operational ) IT management tasks ( support, connectivity, server services, printing, facilities, security, reliable services ) Part 6. Managing IT Assets IT asset management Asset management life cycle Hw, SW, and Network asset management Part 7. Measuring the Value ( feasibility ) of Information systems Traditional Capital Budgeting Models ( financial models ) Non-financial models ( strategic considerations )			
Intended Learning Outcomes (ILO's)		Student Outcomes (SO's)	Contribution
1	Understand the fundamentals of management with a particular focus on IT Management, discuss how IT contributes to competitive advantage	J	30 %
2	Discuss basic concepts of business models / Revenue models with a particular focus on e-commerce / e-business / Cloud	J	20 %
3	Explain the differences between financial and managerial accounting and Interpret the four financial statements used in financial accounting	B	15 %
4	Discuss the Entrepreneurship and the IT startups.	C	25 %
5	Understand approaches of measuring the business value (feasibility ) provided by information systems (financial and nonfinancial models)	K	10 %
Textbook and/ or References			
Powerpoint slides and handouts prepared by the instructor. Applegate, L. M., Austin, R. D., McFarlan, F. W. (2003). Corporate information strategy &management (Seventh Edition), New York: McGraw Hill-Irwin Kenneth C. Laudon, Jane P. Laudon, Management Information Systems, Seventh Edition, Prentice Hall Copyright 2002. Management of Information Technology, Fourth Edition, Carroll Frenzel, John Frenzel ISBN: 0-619-03417-3 2004 Management Information Systems : Managing Information Technology in the Business Enterprise, Sixth Edition James A. OBrien , McGraw-Hill. Cases on Information Technology and Organizational Politics &Culture: Mehdi Khosrow-Pour, 2006 Cases on the Human Side Of Information Technology : Mehdi			

Khosrow-Pour, 2006

Assessment Criteria	Percent (%)
First Exam	20 %
Second Exam	20 %
Homeworks	10 %
Final Exam	50 %

**Course Plan**

Week	Topic
1,2	Fundamental of management
3,4	The role of IT in business
5,6	IT as a business model
7	First Hour Exam
8,9	Managerial accounting
10,11	Managing a Networked Infrastructure
12	Second hour Exam
13,14	Managing IT Assets
15,16	Measuring the Value ( feasibility ) of Information systems
16	Final Exam