

Course Syllabus

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| 1. Program of Study | Bachelor of Business Administration Program |
| Faculty/Institute/College | Mahidol University International College |
| 2. Course Code | ICIS 488 |
| Course Title | IT Based Knowledge Management |
| 3. Number of Credits | 4 (Lecture/Lab) (4-0-8) |
| 4. Prerequisite(s) | - |
| 5. Type of Course | Elective Course |
| 6. Trimester / Academic Year | Second Trimester/2007-2008 |
| 7. Course Conditions | 20-40 students |
| 8. Course Description | Studies issues such as what is a learning organization and IT support; ineffective unlearning or obsolete technologies; what is knowledge management, a knowledge organization, and knowledge workers; creating knowledge from data, the role of technology, and what firms are doing about knowledge management. |
| 9. Course Objective(s) | After successful completion of this course, students will be able to |
| | 9.1 Understand how knowledge is created and stored in organizations. |
| | 9.2 Understand how organizations manage what they know. |
| | 9.3 Understand why knowledge management systems fail. |
| | 9.4 Understand the key concepts: knowledge management, intellectual capital/property and organizational learning. |

10. Course Outline

Week	Course Outline			Instructor	
	Topics	Lecture	Lab		Self-Study
1	Taxonomy of knowledge/Why Knowledge Management	4	0	8	MTT
2	What is knowledge management? Surrounding Issues	4	0	8	MTT
3	Principles of knowledge management/Learning Organizations	4	0	8	MTT
4	Organizational knowledge – knowledge as asset & intellectual property	4	0	8	MTT
5	Knowledge management – organizational learning perspective	4	0	8	MTT
6	Knowledge management – information technology perspective	4	0	8	MTT
7	Knowledge acquisition	4	0	8	MTT
8	Knowledge discovery	4	0	8	MTT
9	Data warehouse and marts	4	0	8	MTT
10	Data mining	4	0	8	MTT
11	Knowledge distribution	4	0	8	MTT
	Total	44	0	88	

11. Teaching Method(s)

Lecture and discussion

12. Teaching Media

Handouts

Video (through the Internet)

Real world software application examples

13. Measurement and Evaluation of Student Achievement

Students achievement is measured and evaluated by

- 13.1 The ability to understand how knowledge is created and stored in organizations.
- 13.2 The ability to understand how organizations manage what they know.
- 13.3 The ability to understand why knowledge management systems fail.
- 13.4 The ability to understand the key concepts: knowledge management, intellectual capital/property and organizational learning.

Student's achievement will be graded according to the faculty and university standard using the symbols: A, B+, B, C+, C, D+, D, and F.

Student must have attended at least 80% of the total class hours of this course.

Ratio of mark

1. Midterm Examination	40%
2. Final Examination	40%
3. Quiz	10%
4. Project	5%
5. Participation & Attendance	5%

14. Course Evaluation

- 14.1 Students' achievement as indicated in number 13 above.
- 14.2 Students' satisfaction towards teaching and learning of the course using questionnaires.

15. Reference(s)

- Liautaud and Hammond. (2000). **E-Business Intelligence: Turning Information into Knowledge into Profit**, McGraw Hill.
- Nataranjan and Shekhar. (2000). **Knowledge Management, Enabling Business Growth**, McGraw Hill.
- Huang, Lee, and Wang. (1998). **Quality Information and Knowledge Management**, Prentice Hall.
- Drucker, P. (1998). **Harvard Business Review on Knowledge Management**, Harvard Business School Press.

16. Instructor(s)

Myat Thander Tin

17. Course Coordinator

Program Director of Information Systems Major

