Tamkang University Academic Year 104, 1st Semester Course Syllabus

Course Title	PRACTICES IN MANAGEMENT OF INFORMATION AND COMMUNICATION TEC	Instructor	LIN IN-HO
Course Class	TQIDB4A DIVISION OF APPLIED INFORMATICS, DEPARTMENT OF INNOVATIVE INFORMATION AND TECHNOLOGY (ENGLISH-TAUGHT PROGRAM), 4A	Details	◆ Required ◆ One Semester ◆ 3 Credits

Departmental Aim of Education

Cultivate professional talents in developing and applying information system in various fields.

Departmental core competences

A. Capability of computer program coding, process planning, and problem solving

B. Capability of applying basic mathematics and information technology related mathematics

C. Capability of applying knowledge of internet structure and protocol in communication system

D. Capability of developing information system

E. Capability of integrating information system

Course Introduction	This course introduces the infrastructure of Information and Communication Technology Management systems and related management theories and practical applications. Through the team's project studies, reports, expert lectures and contemporary advanced information and communication technology industry, introduced the current situation and vision, so that students learn the practical and ICT industry future trends.

The Relevance among Teaching Objectives, Objective Levels and Departmental core competences

I.Objective Levels (select applicable ones) :
 (i) Cognitive Domain   : C1-Remembering,   C2-Understanding,   C3-Applying,
                           C4-Analyzing,   C5-Evaluating,   C6-Creating
 (ii) Psychomotor Domain : P1-Imitation,   P2-Mechanism,   P3-Independent Operation,
                           P4-Linked Operation, P5-Automation,   P6-Origination
 (iii) Affective Domain : A1-Receiving,   A2-Responding,   A3-Valuing,
                           A4-Organizing,   A5-Charaterizing,   A6-Implementing

II.The Relevance among Teaching Objectives, Objective Levels and Departmental core competences :
 (i) Determine the objective level(s) in any one of the three learning domains (cognitive, psychomotor, and affective) corresponding to the teaching objective. Each objective should correspond to the objective level(s) of ONLY ONE of the three domains.
 (ii) If more than one objective levels are applicable for each learning domain, select the highest one only. (For example, if the objective levels for Cognitive Domain include C3,C5,and C6, select C6 only and fill it in the boxes below. The same rule applies to Psychomotor Domain and Affective Domain.)
 (iii) Determine the Departmental core competences that correspond to each teaching objective. Each objective may correspond to one or more Departmental core competences at a time. (For example, if one objective corresponds to three Departmental core competences: A,AD, and BEF, list all of the three in the box.)

No.	Teaching Objectives	Relevance Objective Levels	Relevance Departmental core competences
1	Learn how to construct the infrastructure of Information and Communication Technology Management	C3	E
2	Understanding of contemporary ICT Industry Development Status and Vision	C4	E
3	Through expert speakers, understanding information and communication industry management practices and development trends	A5	E
4	Through the teamwork project research, to study and learn the integration of theoretical knowledge and practical expertise on the innovative information and communication management technology	A6	E

Teaching Objectives, Teaching Methods and Assessment

No.	Teaching Objectives	Teaching Methods	Assessment
1	Learn how to construct the infrastructure of Information and Communication Technology Management	Lecture, Discussion	Participation
2	Understanding of contemporary ICT Industry Development Status and Vision	Lecture, Discussion	Written test, Participation

| 3 | Through expert speakers, understanding information and communication industry management practices and development trends | Lecture, Discussion, 專家演講 | Written test, Report, Participation |
| 4 | Through the teamwork project research, to study and learn the integration of theoretical knowledge and practical expertise on the innovative information and communication management technology | Lecture, Discussion, Visit | Written test, Report, Participation |

This course has been designed to cultivate the following essential qualities in TKU students

Essential Qualities of TKU Students	Description
◆ A global perspective	Helping students develop a broader perspective from which to understand international affairs and global development.
◆ Information literacy	Becoming adept at using information technology and learning the proper way to process information.
◆ A vision for the future	Understanding self-growth, social change, and technological development so as to gain the skills necessary to bring about one's future vision.
◇ Moral integrity	Learning how to interact with others, practicing empathy and caring for others, and constructing moral principles with which to solve ethical problems.
◆ Independent thinking	Encouraging students to keenly observe and seek out the source of their problems, and to think logically and critically.
◇ A cheerful attitude and healthy lifestyle	Raising an awareness of the fine balance between one's body and soul and the environment; helping students live a meaningful life.
◆ A spirit of teamwork and dedication	Improving one's ability to communicate and cooperate so as to integrate resources, collaborate with others, and solve problems.
◇ A sense of aesthetic appreciation	Equipping students with the ability to sense and appreciate aesthetic beauty, to express themselves clearly, and to enjoy the creative process.

Course Schedule

Week	Date	Subject/Topics	Note
1	104/09/14 ~ 104/09/20	1、 Introduction to the PRACTICES IN MANAGEMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY	
2	104/09/21 ~ 104/09/27	1、 Leadership issues in the digital economy:A、The top IS job	
3	104/09/28 ~ 104/10/04	1、 Leadership issues in the digital economy:Strategic uses of ICT	

4	104/10/05 ~ 104/10/11	1、 Leadership issues in the digital economy:Strategic Information Systems Planning	
5	104/10/12 ~ 104/10/18	1、 Managing the essential Technologies in the Digital Economy：Designing Corporate IT Architecture (1)	
6	104/10/19 ~ 104/10/25	1、Managing the essential Technologies in the Digital Economy：Designing Corporate IT Architecture (2)	
7	104/10/26 ~ 104/11/01	1、Managing the essential Technologies in the Digital Economy：A、Managing Telecommunicationsons	
8	104/11/02 ~ 104/11/08	1、Managing the essential Technologies in the Digital Economy：Managing Corporate Information Resources	
9	104/11/09 ~ 104/11/15	1、Managing the essential Technologies in the Digital Economy：A、Managing Partnership-Based IT Operations	
10	104/11/16 ~ 104/11/22	Midterm Exam Week	
11	104/11/23 ~ 104/11/29	1、 Managing System Development：Technologies for Developing Effective Systems	
12	104/11/30 ~ 104/12/06	1、 Managing System Development：A、 Management Issues in system Development,B：Managing Information Security, ,戶外教學(參訪【智慧化居住空間整合應用展示】,專題演講	
13	104/12/07 ~ 104/12/13	1、 Systems for Supporting Knowledge-Based Work：Supporting Information-Centric Decision Making, 專題演講	
14	104/12/14 ~ 104/12/20	1、 Systems for Supporting Knowledge-Based Work：Supporting IT-Enabled Collaboration	
15	104/12/21 ~ 104/12/27	1、 Thinking Ahead：The Opportunities and Challenges Ahead(一)	
16	104/12/28 ~ 105/01/03	1、 Thinking Ahead：The Opportunities and Challenges Ahead(二)	
17	105/01/04 ~ 105/01/10	1、 Making a ICT Company with Creative ICTM theory and Practice	
18	105/01/11 ~ 105/01/17	Final Exam Week	
Requirement		3.If a student's class absence reaches one-third of the total hours(in a semester) for a particular course, the course instructor will notify the Office of Acdemic Affairs, and the student will not be allowed to take part in the remaining course examinations and will be receive a semester grade(for that course) of zero.	

Teaching Facility	Computer, Projector
Textbook(s)	Information Systems Management in Practice (Eight Ed.) by Barbara C. McNURLIN
Reference(s)	「資訊和通訊科技基礎建設管理系統」陳英士 編 龍山顧問出版
Number of Assignment(s)	**4** (Filled in by assignment instructor only)
Grading Policy	◆ Attendance： 10.0 ％ ◆ Mark of Usual：20.0 ％ ◆ Midterm Exam： 20.0 ％ ◆ Final Exam： 20.0 ％ ◆ Other〈Project 20% S.L 10 %〉：30.0 ％
Note	This syllabus may be uploaded at the website of Course Syllabus Management System at http://info.ais.tku.edu.tw/csp or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at http://www.acad.tku.edu.tw/CS/main.php . ※ **Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.**