

Tamkang University Academic Year 112, 1st Semester Course Syllabus

Course Title	PRACTICES IN MANAGEMENT OF INFORMATION AND COMMUNICATION TEC	Instructor	CHU, LIOU
Course Class	TEIDB4A DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION ENGINEERING (ENGLISH-TAUGHT PROGRAM), 4A	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Required ◆ One Semester
Relevance to SDGs	SDG4 Quality education SDG9 Industry, Innovation, and Infrastructure		
Departmental Aim of Education			
I. Comprehend professional knowledge. II. Acquire mastery of Practical Skills. III. Establish creative achievement.			
Subject Departmental core competences			
A. Programming and application ability.(ratio:15.00) B. Mathematical reasoning ability.(ratio:15.00) C. Implementing computer systems ability.(ratio:15.00) D. Computer networking application skills.(ratio:15.00) E. Professional skills for information technology (IT) industry.(ratio:40.00)			
Subject Schoolwide essential virtues			
1. A global perspective. (ratio:10.00) 2. Information literacy. (ratio:20.00) 3. A vision for the future. (ratio:10.00) 4. Moral integrity. (ratio:10.00) 5. Independent thinking. (ratio:10.00) 6. A cheerful attitude and healthy lifestyle. (ratio:10.00) 7. A spirit of teamwork and dedication. (ratio:20.00) 8. A sense of aesthetic appreciation. (ratio:10.00)			

Course Introduction	<p>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.</p>
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The correspondences between the course's instructional objectives and the cognitive, affective, and psychomotor objectives.

Differentiate the various objective methods among the cognitive, affective and psychomotor domains of the course's instructional objectives.

- I. Cognitive : Emphasis upon the study of various kinds of knowledge in the cognition of the course's veracity, conception, procedures, outcomes, etc.
- II. Affective : Emphasis upon the study of various kinds of knowledge in the course's appeal, morals, attitude, conviction, values, etc.
- III. Psychomotor: Emphasis upon the study of the course's physical activity and technical manipulation.

No.	Teaching Objectives	objective methods
1	Understanding of network technologies, principles of communication, and protocol.	Cognitive

The correspondences of teaching objectives : core competences, essential virtues, teaching methods, and assessment

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	ABCDE	12345678	Lecture, Discussion	Testing, Study Assignments, Discussion(including classroom and online)

Course Schedule

Week	Date	Course Contents	Note
1	112/09/11 ~ 112/09/17	Introduction	
2	112/09/18 ~ 112/09/24	Trends of Emergency Technology (Hardware & Software)	
3	112/09/25 ~ 112/10/01	Trends of Emergency Technology (Hardware & Software)	
4	112/10/02 ~ 112/10/08	Leadership issues in the digital economy	

5	112/10/09 ~ 112/10/15	Managing the essential Technologies in Digital Economy	
6	112/10/16 ~ 112/10/22	Managing the essential Technologies in Digital Economy	
7	112/10/23 ~ 112/10/29	Managing the essential Technologies in Digital Economy	
8	112/10/30 ~ 112/11/05	Managing the essential Technologies in Digital Economy	
9	112/11/06 ~ 112/11/12	Midterm Exam Week	
10	112/11/13 ~ 112/11/19	Technologies for Developing Effective Systems	
11	112/11/20 ~ 112/11/26	Technologies for Developing Effective Systems	
12	112/11/27 ~ 112/12/03	Systems for Supporting Knowledge-Based Work	
13	112/12/04 ~ 112/12/10	Systems for Supporting Knowledge-Based Work	
14	112/12/11 ~ 112/12/17	Systems for Supporting Knowledge-Based Work	
15	112/12/18 ~ 112/12/24	Presentation	
16	112/12/25 ~ 112/12/31	Presentation	
17	113/01/01 ~ 113/01/07	Final Exam Week	
18	113/01/08 ~ 113/01/14	Flex week, learning activities should be arranged.	
Key capabilities			
Interdisciplinary			
Distinctive teaching			
Course Content		Logical Thinking	

Requirement	<p>1. Attendance of all classes is required. 請務必出席所有課程。</p> <p>2. Any absence will result in at least 5 points of "Participation and performance" deducted. Please call me or text me before class. 病假事假扣「課堂表現」5分。請上課前通知老師。</p> <p>3. Absence without leave will result in 30 points of "Participation and performance" deducted. 曠課每次扣「課堂表現」30分。</p> <p>4. Cheating or plagiarism will result in failure in the course. 作弊、抄襲會導致本課程不及格。</p> <p>5. Talking, eating, using mobile phone and wearing slippers during class are not allowed. 上課請勿： 交談、飲食、使用行動電話、或穿著拖鞋。以上行為因影響教師課程進行，將被要求離開教室。</p> <p>6. Late arrival, early departure(over 20 minutes), and the stated inappropriate behavior will result in 30 points of "Participation and performance" deducted. 遲到、早退(超過20分鐘)、及前述不當行為每次扣「課堂表現」30分。</p> <p>Course Description Topics are given for group discussion every week. Students are to search for the related material in class for the assignment and final presentation. Laptop computer is required to edit and produce assignment results. The assignment results should be submitted to my email address by the end of the session. Each group is to design an ICT project with a proposal reported in the end of the course. My EMAIL address: chuliou@mail.tku.edu.tw</p>
Textbooks and Teaching Materials	<p>Self-made teaching materials: Presentations Using teaching materials from other writers: Videos</p>
References	
Grading Policy	<p>◆ Attendance : 10.0 % ◆ Mark of Usual : 40.0 % ◆ Midterm Exam : 20.0 % ◆ Final Exam : 20.0 % ◆ Other <Performance> : 10.0 %</p>
Note	<p>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.</p> <p>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</p>