

Tamkang University Academic Year 111, 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	111/09/05 ~ 111/09/11	Introduction	
2	111/09/12 ~ 111/09/18	Trends of Emergency Technology (Hardware & Software)	
3	111/09/19 ~ 111/09/25	Trends of Emergency Technology (Hardware & Software)	
4	111/09/26 ~ 111/10/02	Leadership issues in the digital economy	

5	111/10/03 ~ 111/10/09	Managing the essential Technologies in Digital Economy	
6	111/10/10 ~ 111/10/16	Managing the essential Technologies in Digital Economy	
7	111/10/17 ~ 111/10/23	Managing the essential Technologies in Digital Economy	
8	111/10/24 ~ 111/10/30	Managing the essential Technologies in Digital Economy	
9	111/10/31 ~ 111/11/06	Managing the essential Technologies in Digital Economy	
10	111/11/07 ~ 111/11/13	Midterm Exam Week	
11	111/11/14 ~ 111/11/20	Technologies for Developing Effective Systems	
12	111/11/21 ~ 111/11/27	Systems for Supporting Knowledge-Based Work	
13	111/11/28 ~ 111/12/04	Systems for Supporting Knowledge-Based Work	
14	111/12/05 ~ 111/12/11	Systems for Supporting Knowledge-Based Work	
15	111/12/12 ~ 111/12/18	Presentation	
16	111/12/19 ~ 111/12/25	Presentation	
17	111/12/26 ~ 112/01/01	Presentation	
18	112/01/02 ~ 112/01/08	Final Exam Week	
Requirement			
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials			
References			
Number of Assignment(s)	4 (Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 10.0 % ◆ Mark of Usual : 40.0 % ◆ Midterm Exam : 20.0 % ◆ Final Exam : 20.0 % ◆ Other 〈Performance〉 : 10.0 %		

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>.

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