

Tamkang University Academic Year 110, 1st Semester Course Syllabus

Course Title	SOFTWARE DEVELOPMENT AND PROJECT MANAGEMENT	Instructor	CHEN, DUEN-KAI
Course Class	TEIDB4P DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION ENGINEERING (ENGLISH-TAUGHT PROGRAM)SCIENCE AND	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Selective ◆ One Semester
Relevance to SDGs	INFORMATION ENGINEERING, 4P SDG4 Quality education SDG8 Decent work and economic growth SDG9 Industry, Innovation, and Infrastructure		
D e p a r t m e n t a l A i m o f E d u c a t i o n			
I. Comprehend professional knowledge. II. Acquire mastery of Practical Skills. III. Establish creative achievement.			
Subject Departmental core competences			
D. Computer networking application skills.(ratio:100.00)			
Subject Schoolwide essential virtues			
1. A global perspective. (ratio:10.00) 2. Information literacy. (ratio:60.00) 3. A vision for the future. (ratio:20.00) 5. Independent thinking. (ratio:10.00)			
Course Introduction	This class aims to introduce fundamental theories and techniques of project management to students. The goal is for the students to understand the essence of project management and its importance to software project success.		

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	This class is aimed to introduce fundamental theories and techniques of project management.	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	D	1235	Lecture, Discussion, Practicum	Study Assignments, Discussion(including classroom and online), Practicum, Report(including oral and written), Activity Participation

Course Schedule

Week	Date	Course Contents	Note
1	110/09/22 ~ 110/09/28	Overview of this course	
2	110/09/29 ~ 110/10/05	Introduction to Project Management	
3	110/10/06 ~ 110/10/12	Introduction to Project Management	
4	110/10/13 ~ 110/10/19	The Project Management and Information Technology Context	
5	110/10/20 ~ 110/10/26	The Project Management and Information Technology Context	
6	110/10/27 ~ 110/11/02	The Project Management Process Groups	
7	110/11/03 ~ 110/11/09	The Project Management Process Groups	
8	110/11/10 ~ 110/11/16	Project Integration Management	
9	110/11/17 ~ 110/11/23	Midterm Exam Week	

10	110/11/24 ~ 110/11/30	Project Integration Management	
11	110/12/01 ~ 110/12/07	Project Integration Management	
12	110/12/08 ~ 110/12/14	Project Time and Scope Management	
13	110/12/15 ~ 110/12/21	Project Time and Scope Management	
14	110/12/22 ~ 110/12/28	Project Time and Scope Management	
15	110/12/29 ~ 111/01/04	Project Cost Management	
16	111/01/05 ~ 111/01/11	Project Cost Management	
17	111/01/12 ~ 111/01/18	Term project presentation	
18	111/01/19 ~ 111/01/25	Final Exam Week	
Requirement	<p>Details of grading policy and how course project works will be announce in the first class. Lecturer remain the rights to adjust grading policy. 成績計算及專題執行細節將於課堂上公布，且授課教師保留調整成績計算方式的彈性。 If a student' s class absence reaches one-third of the total class hours (in a semester) for a particular course, the course instructor will notify the Office of Academic Affairs, and the student will not be allowed to take part in the remaining course examinations and will receive a semester grade (for that course) of zero.</p>		
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials	Information Technology Project Management, by Kathy Schwable, Thomson Course Technology		
References	The Mythical Man-Month: Essays on Software Engineering, anniversary edition, 2nd edition, by Frederick Brooks, Jr., Pearson Education, Inc., 1995		
Number of Assignment(s)	(Filled in by assignment instructor only)		
Grading Policy	<p>◆ Attendance : % ◆ Mark of Usual : 50.0 % ◆ Midterm Exam : 10.0 % ◆ Final Exam : % ◆ Other < course project > : 40.0 %</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>		