Course Title	SOFTWARE DEVELOPMENT AND PROJECT MANAGEMENT	Instructor	LIN HUI
Course Class	TEIDB4P DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION ENGINEERING (ENGLISH-TAUGHT PROGRAM), 4P	Details	◆ General Course ◆ Selective ◆ One Semester
Relevance to SDGs	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:30.00)

B. Mathematical reasoning ability.(ratio:10.00)

C. Implementing computer systems ability.(ratio:30.00)

D. Computer networking application skills.(ratio:20.00)

E. Professional skills for information technology (IT) industry.(ratio:10.00)

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:20.00)

6. A cheerful attitude and healthy lifestyle. (ratio:5.00)

7. A spirit of teamwork and dedication. (ratio:20.00)

8. A sense of aesthetic appreciation. (ratio:5.00)

Course Introduction	This class aims to introduce fundamental theories and techniques of software development and project management to students. The goal is for the students to understand the essence of software development, project management and their 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	Teach students how to work successfully in today's project management environment.	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), Report(including oral and written), Activity Participation

Course Schedule

Week	Date	Course Contents	Note
1	112/02/13 ~ 112/02/19	Overview of this course	
2	112/02/20 ~ 112/02/26	Project Management Concept	
3	112/02/27 ~ 112/03/05	Identifying and Selecting Projects	
4	112/03/06 ~ 112/03/12	Developing Project Proposals	

5	112/03/13~ 112/03/19	Defining Scope, Quality, Responsibility, and Activity Sequence	
6	112/03/20~ 112/03/26	Developing the Schedule	
7	112/03/27~ 112/04/02	Developing the Schedule	
8	112/04/03~ 112/04/09	RESOURCE UTILIZATION	
9	112/04/10~ 112/04/16	Determining Costs, Budget, and Earned Value	
10	112/04/17~ 112/04/23	Midterm Exam Week	
11	112/04/24~ 112/04/30	Managing Risk	
12	112/05/01~ 112/05/07	Managing Risk	
13	112/05/08~ 112/05/14	Closing the Project	
14	112/05/15~ 112/05/21	The Project Manager	
15	112/05/22~ 112/05/28	Graduate Exam Week	
16	112/05/29~ 112/06/04	---	
17	112/06/05~ 112/06/11	---	
18	112/06/12~ 112/06/18	---	

Requirement	The ratio may be slightly adjusted!
Teaching Facility	(None)
Textbooks and Teaching Materials	Successful Project Management, Gido
References	Project Management, Pinto
Number of Assignment(s)	(Filled in by assignment instructor only)
Grading Policy	◆ Attendance： 10.0 ％　◆ Mark of Usual：20.0 ％　◆ Midterm Exam： 30.0 ％ ◆ Final Exam： 30.0 ％ ◆ Other〈Report〉：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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