

Tamkang University Academic Year 108, 1st Semester Course Syllabus

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| Course Title | PRACTICE OF PROJECTS | Instructor | LIN IN-HO |
| Course Class | TQIDB4A DIVISION OF APPLIED INFORMATICS, DEPARTMENT OF INNOVATIVE INFORMATION AND TECHNOLOGY (ENGLISH TAUGHT PROGRAM), 4A | Details | <ul style="list-style-type: none"> ◆ General Course ◆ Required ◆ One Semester |
| Departmental Aim of Education | | | |
| Cultivate professional talents in developing and applying information system in various fields. | | | |
| Subject Departmental core competences | | | |
| E. Capability of integrating information system(ratio:100.00) | | | |
| Subject Schoolwide essential virtues | | | |
| 2. Information literacy. (ratio:70.00) 5. Independent thinking. (ratio:10.00) 7. A spirit of teamwork and dedication. (ratio:10.00) 8. A sense of aesthetic appreciation. (ratio:10.00) | | | |
| Course Introduction | <p>The purpose of this course is to provide students with both theoretical knowledge and practical expertise on the information and communication management technology and the software development, we emphasize the importance of teamwork culture, therefore students have to compose a team with 3-5 members to study and implement a specified project under the instruction of teacher, and a final oral defense will be examined as their academic results.</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 | Be able to the project planning, development and implementation abilities. | Cognitive |
| 2 | To learn how to collect project information, paper study and to train students with the abilities of the integration of both theoretical knowledge and practical expertise on software engineering. | Affective |
| 3 | Communication and leadership training of teamwork culture and the abilities to the problem solving | Affective |
| 4 | Be able to the integration expertise and development capabilities in information and communication technology and software engineering. | Psychomotor |

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

| No. | Core Competences | Essential Virtues | Teaching Methods | Assessment |
|-----|------------------|-------------------|---|--|
| 1 | E | 2578 | Lecture, Discussion, Publication, Practicum, Experience | Discussion(including classroom and online), Practicum, Report(including oral and written) |
| 2 | E | 2578 | Lecture, Discussion, Publication, Practicum, Experience | Study Assignments, Discussion(including classroom and online), Practicum, Report(including oral and written) |
| 3 | E | 2578 | Lecture, Discussion, Publication, Practicum, Experience | Study Assignments, Discussion(including classroom and online), Practicum, Report(including oral and written) |
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| 4 | E | 2578 | Lecture, Discussion, Publication, Practicum, Experience | Study Assignments, Discussion(including classroom and online), Practicum, Report(including oral and written), Activity Participation |
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Course Schedule

| Week | Date | Course Contents | Note |
|------|--------------------------|--|------|
| 1 | 108/09/09 ~ 108/09/15 | Introduction to the 「Practice of Projects in Software Engineering」 | |
| 2 | 108/09/16 ~ 108/09/22 | Project Group Meeting, 繳交團隊名單及指導教授同意書 | |
| 3 | 108/09/23 ~ 108/09/29 | Project Group Meeting | |
| 4 | 108/09/30 ~ 108/10/06 | Project Group Meeting | |
| 5 | 108/10/07 ~ 108/10/13 | Project Group Meeting | |
| 6 | 108/10/14 ~ 108/10/20 | Project Group Meeting | |
| 7 | 108/10/21 ~ 108/10/27 | Project Group Meeting | |
| 8 | 108/10/28 ~ 108/11/03 | Project Group Meeting | |
| 9 | 108/11/04 ~ 108/11/10 | Project Group Meeting | |
| 10 | 108/11/11 ~ 108/11/17 | Midterm Exam Week | |
| 11 | 108/11/18 ~ 108/11/24 | Project Group Meeting | |
| 12 | 108/11/25 ~ 108/12/01 | Project Group Meeting | |
| 13 | 108/12/02 ~ 108/12/08 | Project Group Meeting | |
| 14 | 108/12/09 ~ 108/12/15 | Project Group Meeting | |
| 15 | 108/12/16 ~ 108/12/22 | Project Group Meeting | |
| 16 | 108/12/23 ~ 108/12/29 | Proposed Final Report and Presentation (繳交期末書面報告及口試) | |
| 17 | 108/12/30 ~ 109/01/05 | Submit Final Report | |
| 18 | 109/01/06 ~ 109/01/12 | Final Exam Week (Date:109/1/3-109/1/9) | |

Requirement

- 1.本課程採英語授課
- 2.期末口試一律以英語進行，期末書面報告及電子書均以英文書寫。

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| Teaching Facility | Computer |
| Textbooks and Teaching Materials | |
| References | |
| Number of Assignment(s) | (Filled in by assignment instructor only) |
| Grading Policy | <p>◆ Attendance : % ◆ Mark of Usual : % ◆ Midterm Exam : %</p> <p>◆ Final Exam : %</p> <p>◆ Other 〈指導老師給分佔70%，口試成績佔30%，〉 : 100.0 %</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> |