

## Tamkang University Academic Year 110, 1st Semester Course Syllabus

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|---|--|------------|--|
| Course Title  | PRACTICES IN MANAGEMENT OF INFORMATION AND COMMUNICATION TEC   | Instructor | CHU, LIOU  |
| Course Class  | TEIDB4A<br>DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION ENGINEERING (ENGLISH-TAUGHT PROGRAM)SCIENCE AND  | Details    | <ul style="list-style-type: none"> <li>◆ General Course</li> <li>◆ Required</li> <li>◆ One Semester</li> </ul> |
| Relevance to SDGs   | INFORMATION ENGINEERING, 4A<br>SDG4 Quality education<br>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.<br>II. Acquire mastery of Practical Skills.<br>III. Establish creative achievement.   |  |            |  |
| Subject Schoolwide essential virtues  |  |            |  |
| 2. Information literacy. (ratio:50.00)<br>3. A vision for the future. (ratio:10.00)<br>4. Moral integrity. (ratio:10.00)<br>5. Independent thinking. (ratio:10.00)<br>7. A spirit of teamwork and dedication. (ratio:20.00) |  |            |  |
| Course Introduction   | 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. |            |  |
|   |  |            |  |

**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   | DE               | 23457             | Lecture, Discussion | Testing, Study Assignments, Discussion(including classroom and online) |

**Course Schedule**

| Week | Date                     | Course Contents  | Note |
|------|--------------------------|--|------|
| 1    | 110/09/22 ~<br>110/09/28 | Introduction   |      |
| 2    | 110/09/29 ~<br>110/10/05 | Trends of Emergency Technology (Hardware & Software)   |      |
| 3    | 110/10/06 ~<br>110/10/12 | Trends of Emergency Technology (Hardware & Software)   |      |
| 4    | 110/10/13 ~<br>110/10/19 | Leadership issues in the digital economy               |      |
| 5    | 110/10/20 ~<br>110/10/26 | Managing the essential Technologies in Digital Economy |      |
| 6    | 110/10/27 ~<br>110/11/02 | Managing the essential Technologies in Digital Economy |      |
| 7    | 110/11/03 ~<br>110/11/09 | Managing the essential Technologies in Digital Economy |      |
| 8    | 110/11/10 ~<br>110/11/16 | Managing the essential Technologies in Digital Economy |      |
| 9    | 110/11/17 ~<br>110/11/23 | Midterm Exam Week                                      |      |

|                                  |  |   |  |
|----------------------------------|--|---|--|
| 10                               | 110/11/24 ~<br>110/11/30   | Technologies for Developing Effective Systems |  |
| 11                               | 110/12/01 ~<br>110/12/07   | Technologies for Developing Effective Systems |  |
| 12                               | 110/12/08 ~<br>110/12/14   | Systems for Supporting Knowledge-Based Work   |  |
| 13                               | 110/12/15 ~<br>110/12/21   | Systems for Supporting Knowledge-Based Work   |  |
| 14                               | 110/12/22 ~<br>110/12/28   | Systems for Supporting Knowledge-Based Work   |  |
| 15                               | 110/12/29 ~<br>111/01/04   | Presentation                                  |  |
| 16                               | 111/01/05 ~<br>111/01/11   | Presentation                                  |  |
| 17                               | 111/01/12 ~<br>111/01/18   | Final Exam Week                               |  |
| 18                               | 111/01/19 ~<br>111/01/25   |   |  |
| Requirement                      |  |   |  |
| Teaching Facility                | Computer, Projector  |   |  |
| Textbooks and Teaching Materials | Information Systems Management in Practice (Eight Ed.) by Barbara C. McNURLIN  |   |  |
| 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 %<br>◆ Final Exam : 20.0 %<br>◆ Other <Performance> : 10.0 %  |   |  |
| Note                             | This syllabus may be uploaded at the website of Course Syllabus Management System at <a href="http://info.ais.tku.edu.tw/csp">http://info.ais.tku.edu.tw/csp</a> or through the link of Course Syllabus Upload posted on the home page of TKU Office of Academic Affairs at <a href="http://www.acad.tku.edu.tw/CS/main.php">http://www.acad.tku.edu.tw/CS/main.php</a> .<br><b>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</b> |   |  |