

Tamkang University Academic Year 113, 2nd Semester Course Syllabus

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| Course Title | INSTRUCTIONAL SYSTEMS DESIGN | Instructor | YI CHIA CHENG |
| Course Class | TDTXM1A MASTER'S PROGRAM, DEPARTMENT OF EDUCATIONAL TECHNOLOGY, 1A | Details | <ul style="list-style-type: none"> ◆ General Course ◆ Required ◆ One Semester ◆ 3 Credits |
| Relevance to SDGs | SDG4 Quality education | | |
| Departmental Aim of Education | | | |
| The department of educational technology aims to equip students with skills in integrating relevant pedagogical theories into e-Learning, instructional materials development, and project management. | | | |
| Subject Departmental core competences | | | |
| <ul style="list-style-type: none"> A. Students will be able to implement the knowledge of pedagogical theories and strategies in instructional design.(ratio:50.00) B. Students will be able to manage and evaluate digital learning project.(ratio:10.00) C. Students will be able to plan, organize, and implement in human resource development (HRD).(ratio:10.00) D. Students will be able to conduct an educational research and fulfill thesis writing. (ratio:10.00) E. Students will be able to apply innovative technology into creative instruction.(ratio:20.00) | | | |
| Subject Schoolwide essential virtues | | | |
| <ul style="list-style-type: none"> 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) | | | |

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| Course Introduction | This course introduces the concept, models, steps, and functions of instructional design. Students are expected to demonstrate understanding of the above knowledge and apply them in team projects. |
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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 |
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| 1 | 1 Students will be able to explain the concepts of instructional design and their foundations 2 Students will be able to analyze the learning context, the learners, and the learning tasks 3 Students will be able to apply different instructional strategies 4 Students will be able to apply their knowledge of instructional strategies on completing case studies 5 Students will be able to implement and manage instructional design projects | Cognitive |

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

| No. | Core Competences | Essential Virtues | Teaching Methods | Assessment |
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| 1 | ABCDE | 12345678 | Lecture, Discussion | Study Assignments, Discussion(including classroom and online), Report(including oral and written) |

| Course Schedule | | | | |
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| Week | Date | Course Contents | | Note |
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| 1 | 114/02/17 ~ 114/02/23 | 課程簡介 | |
| 2 | 114/02/24 ~ 114/03/02 | 228放假一天 | |
| 3 | 114/03/03 ~ 114/03/09 | 畢業專題個案研究 | 黑天鵝廳 |
| 4 | 114/03/10 ~ 114/03/16 | Introduction to instructional design ; 小試身手 | |
| 5 | 114/03/17 ~ 114/03/23 | Instructional analysis: Analyzing the learning context ; Instructional analysis: Analyzing the learners | |
| 6 | 114/03/24 ~ 114/03/30 | Instructional analysis: Analyzing the learning task ; 小試身手分享 | |
| 7 | 114/03/31 ~ 114/04/06 | 春假 | |
| 8 | 114/04/07 ~ 114/04/13 | Assessing learning from instruction ; A framework for instructional strategy design | |
| 9 | 114/04/14 ~ 114/04/20 | Strategies for declarative knowledge and concept learning instruction | |
| 10 | 114/04/21 ~ 114/04/27 | Strategies for instruction leading to learning procedures and principle learning | 繳交心得 |
| 11 | 114/04/28 ~ 114/05/04 | Strategies for problem-solving instruction ; Dr. House影集討論 | |
| 12 | 114/05/05 ~ 114/05/11 | Strategies for cognitive strategy instruction and attitude learning | |
| 13 | 114/05/12 ~ 114/05/18 | Strategies for psychomotor skill learning ; Macro strategies | |
| 14 | 114/05/19 ~ 114/05/25 | Implementation and Management | |
| 15 | 114/05/26 ~ 114/06/01 | Formative and summative evaluation | |
| 16 | 114/06/02 ~ 114/06/08 | 課程計畫綜合分析與討論 ; Case study期末報告 | |
| 17 | 114/06/09 ~ 114/06/15 | 人力資源處學姊經驗分享 | 繳交心得 |
| 18 | 114/06/16 ~ 114/06/22 | 期末反思(彈性教學週) | |
| Key capabilities | self-directed learning Problem solving | | |
| Interdisciplinary | | | |
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| Distinctive teaching | |
| Course Content | Logical Thinking |
| Requirement | <p>□ 課堂參與：20%</p> <p>□ 含每週小組討論、隨堂報告、教傳期末作業報告</p> <p>□ 請於課前事先預習當週課程內容</p> <p>□ 上課鐘響15分鐘內未進教室者視為遲到，20分鐘以上未進教室視為曠課</p> <p>□ 學生請假須依學生請假規則辦理請假手續，以兩次為限，並須於一週內以學校正式假條請假。若未依規定辦理，視為曠課</p> <p>□ 遲到每次扣1分，請假每次扣2分。曠課第一次扣總分3分，第二次扣8分，第三次扣考，該科目之學期成績以零分計算。授課教師有權更改扣分原則</p> <p>□ 導讀(小組)：20%</p> <p>□ 每組課堂導讀</p> <p>□ 章節整理</p> <p>□ 課程計畫(小組)：10%</p> <p>□ 每組模擬規劃教育科技學系大學部四年級課程“教育科技議題研究”</p> <p>□ 05/30課堂報告，每組20分鐘</p> <p>□ Case study(小組)：30%</p> <p>□ 每組擇兩個畢業專題作品，分析其所使用之教學策略</p> <p>□ 06/06課堂報告，每組20分鐘</p> <p>□ Reflection(個人)：20%</p> <p>□ 期中考試週繳交Ch.1~Ch.11心得(04/25 11:55pm前)</p> <p>□ 期末考試週繳交Ch.12~Ch.19心得(06/13 11:55pm前)</p> |
| Textbooks and Teaching Materials | <p>Self-made teaching materials:Presentations, Handouts, Worksheets</p> <p>Using teaching materials from other writers:Textbooks, Videos</p> |
| References | |
| Grading Policy | <p>◆ Attendance： 20.0 % ◆ Mark of Usual： % ◆ Midterm Exam： %</p> <p>◆ Final Exam： %</p> <p>◆ Other〈導讀;課程計畫;case study等〉：80.0 %</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> |