

## Tamkang University Academic Year 114, 2nd Semester Course Syllabus

Course Title	INSTRUCTIONAL SYSTEMS DESIGN	Instructor	YI CHIA CHENG
Course Class	TDTXM1A MASTER'S PROGRAM, DEPARTMENT OF EDUCATIONAL TECHNOLOGY, 1A	Details	◆ General Course ◆ Required ◆ One Semester ◆ 3 Credits
Relevance to SDGs	SDG4 Quality education		
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			
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			
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			
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 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.			
<p align="center"><b>The correspondences between the course's instructional objectives and the cognitive, affective, and psychomotor objectives.</b></p> <p>Differentiate the various objective methods among the cognitive, affective and psychomotor domains of the course's instructional objectives.</p> <p>I. Cognitive : Emphasis upon the study of various kinds of knowledge in the cognition of the course's veracity, conception, procedures, outcomes, etc.</p> <p>II.Affective : Emphasis upon the study of various kinds of knowledge in the course's appeal, morals, attitude, conviction, values, etc.</p> <p>III.Psychomotor: Emphasis upon the study of the course's physical activity and technical manipulation.</p>				
No.	Teaching Objectives			objective methods
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
1	ABCDE	12345678	Lecture, Discussion	Study Assignments, Discussion(including classroom and online), Report(including oral and written)
Course Schedule				
Week	Date	Course Contents		Note

1	115/02/23 ~ 115/03/01	課程簡介	
2	115/03/02 ~ 115/03/08	Introduction to instructional design ; 小試身手	
3	115/03/09 ~ 115/03/15	Instructional analysis: Analyzing the learning contex; Instructional analysis: Analyzing the learners	
4	115/03/16 ~ 115/03/22	Instructional analysis: Analyzing the learning task	
5	115/03/23 ~ 115/03/29	Assessing learning from instruction; A framework for instructional strategy design	
6	115/03/30 ~ 115/04/05	春假	
7	115/04/06 ~ 115/04/12	Strategies for declarative knowledge and concept learning instruction	
8	115/04/13 ~ 115/04/19	小試身手分享	繳交反思
9	115/04/20 ~ 115/04/26	Strategies for instruction leading to learning procedures and principle learning	
10	115/04/27 ~ 115/05/03	Strategies for problem-solving instruction	
11	115/05/04 ~ 115/05/10	Strategies for instruction leading to learning procedures and principle learning; 教案討論	
12	115/05/11 ~ 115/05/17	Strategies for psychomotor skill learning Macro strategies; 教案討論	
13	115/05/18 ~ 115/05/24	Implementation and Management	
14	115/05/25 ~ 115/05/31	Formative and summative evaluation	
15	115/06/01 ~ 115/06/07	課程計畫綜合分析與討論	
16	115/06/08 ~ 115/06/14	Case study期末報告	繳交反思
17	115/06/15 ~ 115/06/21	期末多元評量週/教師彈性教學週	期末個人反思
18	115/06/22 ~ 115/06/28	教師彈性教學週	期末小組反思
Key capabilities		self-directed learning Problem solving	
Interdisciplinary			

Distinctive teaching	
Course Content	Logical Thinking
Requirement	<p>課堂參與(個人)：20%</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 含每週小組討論、隨堂報告</li> <li><input type="checkbox"/> 請於課前事先預習當週課程內容</li> <li><input type="checkbox"/> 遲到每次扣學期總分1分，請假每次扣2分，病假附醫生證明者不扣分。曠課第一次扣學期總分3分，第二次以上每次扣8分。授課教師有權彈性調整扣分規則</li> <li><input type="checkbox"/> 缺課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</li> </ul> <p>導讀、小試身手(小組)：20%</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 各組依分配之週次，於課堂上進行導讀。每次導讀包括活動及討論，時間長度約2小時</li> <li><input type="checkbox"/> 導讀需製作PPT，課前上傳至iClass</li> <li><input type="checkbox"/> 小試身手檔案格式不拘，04/14課堂分享，每組15分鐘</li> </ul> <p>課程計畫(小組)：20%</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 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”</li> <li><input type="checkbox"/> 06/02課堂報告，每組15分鐘</li> </ul> <p>Case study(小組)：20%</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 分析畢業專題作品所使用之教學策略</li> <li><input type="checkbox"/> 06/09課堂報告，每組15分鐘</li> </ul> <p>Reflection(個人)：20%</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> 教材內容、課堂導讀討論之啟發、反省、聯想等，非章節摘要或總結整理</li> <li><input type="checkbox"/> 請勿使用AI生成，否則不予計分</li> <li><input type="checkbox"/> 第8週繳交Ch.1~Ch.9反思 (04/14 23:55前)</li> <li><input type="checkbox"/> 第16週繳交Ch.10~Ch.19反思 (06/09 23:55前)</li> </ul>
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 <a href="https://web2.ais.tku.edu.tw/csp">https://web2.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>.</p> <p>※"Adhere to the concept of intellectual property rights" and "Do not illegally photocopy, download, or distribute." Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</p>