

Tamkang University Academic Year 110, 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
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:100.00)			
Subject Schoolwide essential virtues			
5. Independent thinking. (ratio:70.00) 7. A spirit of teamwork and dedication. (ratio:30.00)			
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.		

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	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	A	57	Lecture, Discussion	Study Assignments, Discussion(including classroom and online), Report(including oral and written)

Course Schedule

Week	Date	Course Contents	Note
1	111/02/21 ~ 111/02/25	課程簡介	
2	111/02/28 ~ 111/03/04	Introduction to instructional design; Foundations of instructional design	
3	111/03/07 ~ 111/03/11	Instructional analysis: Analyzing the learning context; Instructional analysis: Analyzing the learners	
4	111/03/14 ~ 111/03/18	畢業專題個案研究	
5	111/03/21 ~ 111/03/25	Instructional analysis: Analyzing the learning task	
6	111/03/28 ~ 111/04/01	Assessing learning from instruction; A framework for instructional strategy design	

7	111/04/04 ~ 111/04/08	春假	
8	111/04/11 ~ 111/04/15	Strategies for declarative knowledge and concept learning instruction	
9	111/04/18 ~ 111/04/22	Strategies for instruction leading to learning procedures and principle learning	
10	111/04/25 ~ 111/04/29	線上課	繳交心得
11	111/05/02 ~ 111/05/06	Strategies for problem-solving	
12	111/05/09 ~ 111/05/13	Strategies for cognitive strategy instruction and attitude learning	
13	111/05/16 ~ 111/05/20	Strategies for psychomotor skill learning; Macro strategies	
14	111/05/23 ~ 111/05/27	Implementation and Management	
15	111/05/30 ~ 111/06/03	Formative and summative evaluation	
16	111/06/06 ~ 111/06/10	課程計畫綜合分析與討論	
17	111/06/13 ~ 111/06/17	Case study期末報告	
18	111/06/20 ~ 111/06/24	線上課(期末反思)	繳交心得
Requirement	<input type="checkbox"/> 課堂參與：20% <input type="checkbox"/> 含每週小組討論、隨堂報告、教傳期末作業報告 <input type="checkbox"/> 請於課前事先預習當週課程內容 <input type="checkbox"/> 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 <input type="checkbox"/> 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 <input type="checkbox"/> 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 <input type="checkbox"/> 導讀(小組)：20% <input type="checkbox"/> 每組課堂導讀 <input type="checkbox"/> 章節整理 <input type="checkbox"/> 課程計畫(小組)：10% <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” <input type="checkbox"/> 06/01課堂報告，每組20分鐘 <input type="checkbox"/> Case study(小組)：30% <input type="checkbox"/> 每組擇兩個畢業專題作品，分析其所使用之教學策略 <input type="checkbox"/> 06/08課堂報告，每組20分鐘 <input type="checkbox"/> Reflection(個人)：20% <input type="checkbox"/> 期中考試週繳交Ch.1~Ch.11心得(04/20 11:55pm前) <input type="checkbox"/> 期末考試週繳交Ch.12~Ch.19心得(06/15 11:55pm前)		
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials			

References	
Number of Assignment(s)	(Filled in by assignment instructor only)
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>