

## Tamkang University Academic Year 108, 1st Semester Course Syllabus

Course Title	THEORY AND PRACTICE OF EDUCATIONAL TECHNOLOGY	Instructor	HUANG I-FANG
Course Class	TGDHB0A HONORS PROGRAM, 0A	Details	<ul style="list-style-type: none"> <li>◆ General Course</li> <li>◆ Required</li> <li>◆ One Semester</li> </ul>
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			
<p>I . Cultivating the talents with the capabilities of educational research and discourse.</p> <p>II . Cultivating the talents with the capabilities of understanding and application of education related theories.</p> <p>III . Cultivating the talents with the capabilities of educational practice and service.</p>			
Subject Schoolwide essential virtues			
<p>2. Information literacy. (ratio:60.00)</p> <p>3. A vision for the future. (ratio:10.00)</p> <p>8. A sense of aesthetic appreciation. (ratio:30.00)</p>			
Course Introduction	<p>This course introduces the basic theory and practice about educational technology. Students will be exposed to basic theories of communication, selection, evaluation and research. Gaining knowledge of communications theory, history and impact of technology, selection and evaluation criteria, future trends, ethical issues and standards of technology. Students will also be assisted in determining appropriate applications of theories and techniques in educational technology settings.</p>		

**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	This course will help you will reflect on the role various forms of electronic and digital technology can play in the teaching/learning process and how you can engage these processes in your classroom. You will become skilled in some of the many digital tools used in today's schools. In addition, you will be exposed to basic theories of educational technology and will be assisted in determining appropriate applications of these theories and techniques in educational settings.	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1	B	238	Lecture, Discussion, Experience	Testing, Study Assignments, Discussion(including classroom and online), Report(including oral and written)

**Course Schedule**

Week	Date	Course Contents	Note
1	108/09/09 ~ 108/09/15	Orientation: Media knowledge and skills	In class
2	108/09/16 ~ 108/09/22	What' s educational technology theory and practice?	In class / G1
3	108/09/23 ~ 108/09/29	How' s technology used in education?	In class / G2
4	108/09/30 ~ 108/10/06	Framework and theories of educational technology	In class / G3
5	108/10/07 ~ 108/10/13	Field observation I	Asynchronous
6	108/10/14 ~ 108/10/20	What are functions of educational technology?	In class / G4
7	108/10/21 ~ 108/10/27	History, impact and purpose of technology in schools	In class / G5

8	108/10/28 ~ 108/11/03	Individual Assignment	In class
9	108/11/04 ~ 108/11/10	Individual Assignment	In class
10	108/11/11 ~ 108/11/17	Midterm Exam Week	
11	108/11/18 ~ 108/11/24	In Classroom of the Future, Stagnant Scores	In class / G6
12	108/11/25 ~ 108/12/01	Communal Constructivism	In class / G7
13	108/12/02 ~ 108/12/08	Field observation II	Asynchronous
14	108/12/09 ~ 108/12/15	Future trend of technology	In class / G8
15	108/12/16 ~ 108/12/22	Blended compared with pure online learning	In class
16	108/12/23 ~ 108/12/29	Final Presentation	In class
17	108/12/30 ~ 109/01/05	Final Presentation	In class
18	109/01/06 ~ 109/01/12	Final Exam Week (Date:109/1/3-109/1/9)	
Requirement			
Teaching Facility	Computer, Projector, Other (Handouts)		
Textbooks and Teaching Materials	Handouts		
References			
Number of Assignment(s)	2 (Filled in by assignment instructor only)		
Grading Policy	◆ Attendance : 10.0 %   ◆ Mark of Usual : 30.0 %   ◆ Midterm Exam : 30.0 % ◆ Final Exam : 30.0 % ◆ Other ( ) : %		
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> . <b>※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.</b>		