

Tamkang University Academic Year 107, 2nd Semester Course Syllabus

Course Title	GLOBAL TECHNOLOGY REVOLUTION	Instructor	CHU, LIOU
Course Class	TGVZB0A GLOBAL TECHNOLOGY REVOLUTION, 0A	Details	<ul style="list-style-type: none"> ◆ Required ◆ One Semester ◆ 2 Credits
Academic Aim of Education			
<p>Students will understand recent development of modern science and technology and its impact on human society and global environment. Through the design of course students will also be familiar with broadly-based fundamental technical knowledge and improve.</p>			
Schoolwide essential virtues			
<ul style="list-style-type: none"> A. A global perspective. B. Information literacy. C. A vision for the future. D. Moral integrity. E. Independent thinking. F. A cheerful attitude and healthy lifestyle. G. A spirit of teamwork and dedication. H. A sense of aesthetic appreciation. 			
Course Introduction	<p>This course gives a general aspect of development of technology and related issues.</p>		

The Relevance among Teaching Objectives, Objective Levels and Schoolwide essential virtues

I.Objective Levels (select applicable ones) :

- (i) Cognitive Domain : C1-Remembering, C2-Understanding, C3-Applying,
C4-Analyzing, C5-Evaluating, C6-Creating
- (ii) Psychomotor Domain : P1-Imitation, P2-Mechanism, P3-Independent Operation,
P4-Linked Operation, P5-Automation, P6-Origination
- (iii) Affective Domain : A1-Receiving, A2-Responding, A3-Valuing,
A4-Organizing, A5-Charaterizing, A6-Implementing

II.The Relevance among Teaching Objectives, Objective Levels and Schoolwide essential virtues :

- (i) Determine the objective level(s) in any one of the three learning domains (cognitive, psychomotor, and affective) corresponding to the teaching objective. Each objective should correspond to the objective level(s) of ONLY ONE of the three domains.
- (ii) If more than one objective levels are applicable for each learning domain, select the highest one only. (For example, if the objective levels for Cognitive Domain include C3,C5,and C6, select C6 only and fill it in the boxes below. The same rule applies to Psychomotor Domain and Affective Domain.)
- (iii) Determine the Schoolwide essential virtues that correspond to each teaching objective. Each objective may correspond to one or more Schoolwide essential virtues at a time. (For example, if one objective corresponds to three Schoolwide essential virtues: A,AD, and BEF, list all of the three in the box.)

No.	Teaching Objectives	Relevance	
		Objective Levels	Schoolwide essential virtues
1	1. Development of technology, 2. Ethical issue of technology.	C2	ABC

Teaching Objectives, Teaching Methods and Assessment

No.	Teaching Objectives	Teaching Methods	Assessment
1	1. Development of technology, 2. Ethical issue of technology.	Lecture, Discussion, Problem solving	Written test, Report, Participation, Performanc

Course Schedule

Week	Date	Subject/Topics	Note
1	108/02/18 ~ 108/02/24	Introduction and grouping	
2	108/02/25 ~ 108/03/03	Topic 1	
3	108/03/04 ~ 108/03/10	Topic 1 and discussion	
4	108/03/11 ~ 108/03/17	Topic 2	
5	108/03/18 ~ 108/03/24	Topic 2 and discussion	
6	108/03/25 ~ 108/03/31	Topic 3	
7	108/04/01 ~ 108/04/07	Topic 3	
8	108/04/08 ~ 108/04/14	Topic 3 and discussion	

9	108/04/15 ~ 108/04/21	Topic 4 and discussion	
10	108/04/22 ~ 108/04/28	Midterm Exam Week	
11	108/04/29 ~ 108/05/05	Topic 5	
12	108/05/06 ~ 108/05/12	Topic 5 and discussion	
13	108/05/13 ~ 108/05/19	Topic 6 and discussion	
14	108/05/20 ~ 108/05/26	Topic 7 and discussion	
15	108/05/27 ~ 108/06/02	Topic 8	
16	108/06/03 ~ 108/06/09	Topic 8 and discussion	
17	108/06/10 ~ 108/06/16	Topic 9 and discussion	
18	108/06/17 ~ 108/06/23	Final Exam Week	
Requirement	<p>1. Attendance of all classes is required. 請務必出席所有課程。</p> <p>2. Any absence will result in at least 5 points of "Participation and performance" deducted. Please call me or text me before class. 病假事假扣「課堂表現」5分。請上課前通知老師。</p> <p>3. Absence without leave will result in 30 points of "Participation and performance" deducted. 曠課每次扣「課堂表現」30分。</p> <p>4. Cheating or plagiarism will result in failure in the course. 作弊、抄襲會導致本課程不及格。</p> <p>5. Talking, eating, using mobile phone and wearing slippers during class are not allowed, and will be expelled from the class. 上課請勿： 交談、飲食、使用行動電話、或穿著拖鞋。 以上行為因影響教師課程進行，將被要求離開教室。</p> <p>6. Late arrival, early departure (over 20 minutes), and the stated inappropriate behavior will result in 30 points of "Participation and performance" deducted. 遲到、早退(超過20分鐘)、及前述不當行為每次扣「課堂表現」30分。</p> <p>7. A laptop computer is required to the class. 請攜帶筆記型電腦上課。</p> <p>8. Attendances of Mid-term Exam and Final Exam are compulsory. Absence will result in 100 points of "Participation and performance" deducted. 請務必參加期中考與期末考。缺席將導致「課堂表現」0分。</p>		
Teaching Facility	Computer, Projector		
Textbook(s)			
Reference(s)			

Number of Assignment(s)	(Filled in by assignment instructor only)
Grading Policy	<p>◆ Attendance : % ◆ Mark of Usual : 60.0 % ◆ Midterm Exam : 5.0 %</p> <p>◆ Final Exam : 5.0 %</p> <p>◆ Other 〈Performance〉 : 30.0 %</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>