

Tamkang University Academic Year 109, 2nd Semester Course Syllabus

Course Title	GLOBAL TECHNOLOGY REVOLUTION	Instructor	FU-YI HUNG
Course Class	TGVZB0B GLOBAL TECHNOLOGY REVOLUTION, 0B	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Required ◆ One Semester
Relevance to SDGs	SDG9 Industry, Innovation, and Infrastructure		
Departmental Aim of Education			
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.			
Subject Schoolwide essential virtues			
<ol style="list-style-type: none"> 1. A global perspective. (ratio:70.00) 2. Information literacy. (ratio:10.00) 3. A vision for the future. (ratio:20.00) 			
Course Introduction	This course introduces the development of technologies and how these technologies affect our lives and our world.		

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	The development of technologies and how these technologies affect our lives and our world.	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1		123	Lecture, Discussion	Testing, Report(including oral and written)

Course Schedule

Week	Date	Course Contents	Note
1	110/02/22 ~ 110/02/28	Introduction	
2	110/03/01 ~ 110/03/07	Science and Technology Studies	
3	110/03/08 ~ 110/03/14	Ethical, Legal, and Social Issues	
4	110/03/15 ~ 110/03/21	Information and Communication Technology	
5	110/03/22 ~ 110/03/28	Information and Communication Technology	
6	110/03/29 ~ 110/04/04	Information and Communication Technology	
7	110/04/05 ~ 110/04/11	Information and Communication Technology	
8	110/04/12 ~ 110/04/18	Information and Communication Technology	
9	110/04/19 ~ 110/04/25	Information and Communication Technology	
10	110/04/26 ~ 110/05/02	Midterm Exam Week	
11	110/05/03 ~ 110/05/09	Information and Communication Technology	
12	110/05/10 ~ 110/05/16	Information and Communication Technology	

13	110/05/17 ~ 110/05/23	Information and Communication Technology	
14	110/05/24 ~ 110/05/30	Biotechnology	
15	110/05/31 ~ 110/06/06	Biotechnology	
16	110/06/07 ~ 110/06/13	Biotechnology	
17	110/06/14 ~ 110/06/20	Biotechnology	
18	110/06/21 ~ 110/06/27	Final Exam Week	
Requirement	<p>1. Cheating or plagiarism will receive a semester grade of zero for this course. 作弊或抄襲者學期總成績為零分。</p> <p>2. * * Article 38, section 2 If a student' s class absence reaches one-third of the total class hours (in a semester) for a particular course, the course instructor will notify the Office of Academic Affairs, and the student will not be allowed to take part in the remaining course examinations and will receive a semester grade (for that course) of zero. * * 本課程遵循本校學則第三十八條第二款規定辦理扣</p>		
Teaching Facility	Computer, Projector		
Textbooks and Teaching Materials			
References			
Number of Assignment(s)	12 (Filled in by assignment instructor only)		
Grading Policy	<p>◆ Attendance : % ◆ Mark of Usual : 45.0 % ◆ Midterm Exam : 15.0 %</p> <p>◆ Final Exam : 15.0 %</p> <p>◆ Other <Presentation> : 25.0 %</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>		