

Tamkang University Academic Year 112, 2nd Semester Course Syllabus

Course Title	ALL-OUT DEFENSE EDUCATION MILITARY TRAINING(I)-NATIONAL DEFENSE TECHNOLOGY	Instructor	WONG, MING-HSIEN
Course Class	TEIDB1A DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION ENGINEERING (ENGLISH-TAUGHT PROGRAM), 1A	Details	<ul style="list-style-type: none"> ◆ General Course ◆ Required ◆ One Semester
Relevance to SDGs	SDG4 Quality education		
A i m o f E d u c a t i o n			
<p>Through All-out Defense Education Military Training, we expect to cultivate our youngsters to be virtuous modern civilians. Those five courses including International Situations, National Defense Policies, Civil Defense, Defense Mobilization and Defense Technology educate young students' consensus of national security by improving their knowledge of national defense and military services.</p>			
S u b j e c t S c h o o l w i d e e s s e n t i a l v i r t u e s			
<ol style="list-style-type: none"> 1. A global perspective. (ratio:5.00) 2. Information literacy. (ratio:5.00) 3. A vision for the future. (ratio:5.00) 4. Moral integrity. (ratio:10.00) 5. Independent thinking. (ratio:30.00) 6. A cheerful attitude and healthy lifestyle. (ratio:30.00) 7. A spirit of teamwork and dedication. (ratio:10.00) 8. A sense of aesthetic appreciation. (ratio:5.00) 			
Course Introduction	<p>This course provides student to acquire important concept of All out defense education military training - National defense Technology which include basic ideas of All out defense, National interests and national security and major dimensions of national defense technology. Based on mentioned teaching subjects this course will help students understand strategic importance of All out defense education military education and play a linkage between university education and national all out education.</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	1.To introduce basic ideas of All-out defense and education. 2.To introduce importance of military training system. 3.To highlight development of national defense technology.	Cognitive

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

No.	Core Competences	Essential Virtues	Teaching Methods	Assessment
1		12345678	Lecture, Discussion	Discussion(including classroom and online), Report(including oral and written)

Course Schedule

Week	Date	Course Contents	Note
1	113/02/19 ~ 113/02/25	Introduction: Purposes and objectives of the course	
2	113/02/26 ~ 113/03/03	The content of All-out defense: National defense and national security	
3	113/03/04 ~ 113/03/10	The dimension of All-out defense education: School and social education	
4	113/03/11 ~ 113/03/17	The concept of defense technology: Science and application for National defense	
5	113/03/18 ~ 113/03/24	The Development of defense technology: The different waves of human conflicts	
6	113/03/25 ~ 113/03/31	Major defense technology development: 1.US and its research think tank	
7	113/04/01 ~ 113/04/07	Major defense technology development: 2.The European Union and think tank	
8	113/04/08 ~ 113/04/14	Major defense technology development: 3. China's military industry complex	

9	113/04/15 ~ 113/04/21	Major defense technology development: 4. North East Asia area	
10	113/04/22 ~ 113/04/28	Taiwan's defense technology development: National Chung Shan Institute of Science and Technology	
11	113/04/29 ~ 113/05/05	National defense report of the ROC (Taiwan): Military defense technology development	
12	113/05/06 ~ 113/05/12	Taiwan's National defense technology: The Air force and its equipments	
13	113/05/13 ~ 113/05/19	Taiwan's National defense technology: The Navy and its equipment	
14	113/05/20 ~ 113/05/26	Taiwan's National defense technology: The Army and its equipment	
15	113/05/27 ~ 113/06/02	The Cross-strait War simulation model: 1.Command : Modern operation	
16	113/06/03 ~ 113/06/09	The Cross-strait War simulation model: 1.Command : Modern operation II	
17	113/06/10 ~ 113/06/16	Conclusion: Importance and impacts of national defense education	
18	113/06/17 ~ 113/06/23	Final section: Taiwan's National defense and military development discussion	
Key capabilities	self-directed learning Problem solving Interdisciplinary		
Interdisciplinary	Competency-based education 'competency exploration' sustained competency or global issues STEEP (Society, Technology, Economy, Environment, and Politics)		
Distinctive teaching	Game-based learning courses Learning technologies (such as AR/VR,etc.) incorporated to physical courses		
Course Content	General Courses		
Requirement	Student should regularly attend the class and join a group to prepare final paper.		

Textbooks and Teaching Materials	Self-made teaching materials:Textbooks Using teaching materials from other writers:Textbooks Name of teaching materials: Peter P. Perla. The Art of War Gaming. A guide for Professionals and Hobbyists. Naval Institute Press. Annapolis, Maryland, 1990.
References	During the beginning of the Class will provide major references. Peter P. Perla. The Art of War Gaming. A guide for Professionals and Hobbyists. Naval Institute Press. Annapolis, Maryland, 1990.
Grading Policy	◆ Attendance : 30.0 % ◆ Mark of Usual : 30.0 % ◆ Midterm Exam : % ◆ Final Exam : % ◆ Other (group report) : 40.0 %
Note	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 . ※ Unauthorized photocopying is illegal. Using original textbooks is advised. It is a crime to improperly photocopy others' publications.