

Tamkang University Academic Year 113, 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"> <li>◆ General Course</li> <li>◆ Required</li> <li>◆ One Semester</li> <li>◆ 0 Credits</li> </ul>
Relevance to SDGs	<p>SDG4 Quality education</p> <p>SDG16 Peace, justice and strong institutions</p>		
<b>A i m o f E d u c a t i o n</b>			
<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>			
Subject Schoolwide essential virtues			
<ol style="list-style-type: none"> <li>1. A global perspective. (ratio:5.00)</li> <li>2. Information literacy. (ratio:5.00)</li> <li>3. A vision for the future. (ratio:5.00)</li> <li>4. Moral integrity. (ratio:10.00)</li> <li>5. Independent thinking. (ratio:30.00)</li> <li>6. A cheerful attitude and healthy lifestyle. (ratio:30.00)</li> <li>7. A spirit of teamwork and dedication. (ratio:10.00)</li> <li>8. A sense of aesthetic appreciation. (ratio:5.00)</li> </ol>			
Course Introduction	<p>The purpose of this course is to provide student comprehensive knowledge of all out national defense issues including five dimensions such as International Affairs, National security, National defense policy, all out defense, national defense technology etc., and via this course to enhance Taiwan's national interests and national security.</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 analyze concept and contents of all out national defense education. 2.To highlight importance of five dimension of national all out defense education. 3.To enhance knowledge of Taiwan's national interests and security.	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	114/02/17 ~ 114/02/23	Introduction: Concept, contents and way of assessment	Lecture professor
2	114/02/24 ~ 114/03/02	National all out defense education: Concept, contents and practices	Lecture Professor
3	114/03/03 ~ 114/03/09	National all out defense education: five dimension explanation	Lecture Professor
4	114/03/10 ~ 114/03/16	National security and national defense policy: National interests and national goals	Lecture Professor
5	114/03/17 ~ 114/03/23	National defense technology: concept and categories	Lecture Professor
6	114/03/24 ~ 114/03/30	Human society conflict development from agricultural, industrial to digital society	Lecture Professor
7	114/03/31 ~ 114/04/06	The History of world warfare: From the WW1, WW2 until Cold War	Lecture Professor

8	114/04/07 ~ 114/04/13	The Warfare after Cold War: from Golf war to different regional conflicts	Lecture Professor
9	114/04/14 ~ 114/04/20	The development of Mass destruction Weapons: Atom, Chemical and Biological weapons	Lecture Professor
10	114/04/21 ~ 114/04/27	The Introduction of Air Power: Jet fighter, bomber and special weapons	Lecture Professor
11	114/04/28 ~ 114/05/04	The Introduction of Naval Power: Destroyers, frigates and Aircraft Carrier	Lecture Professor
12	114/05/05 ~ 114/05/11	The Introduction of Land Power: Tank, rockets and cannons	Lecture Professor
13	114/05/12 ~ 114/05/18	The Introduction of UAV: defensive, offensive and suicidal	Lecture Professor
14	114/05/19 ~ 114/05/25	The Unconventional warfare: Terrorist attack and cyber attack	Lecture Professor
15	114/05/26 ~ 114/06/01	AI and warfare : future warfare of humankind	Lecture Professor
16	114/06/02 ~ 114/06/08	Wenn PLA invade Taiwan: scenarios, development and outcomes	Lecture Professor
17	114/06/09 ~ 114/06/15	How can Taiwan response PLA's invasion situation: strategy, policy and preparedness	Lecture Professor
18	114/06/16 ~ 114/06/22	Flexible Teaching Week: final assessments and submit group report	Lecture Professor
Key capabilities	self-directed learning Social Participation		
Interdisciplinary	Competency-based education 'competency exploration' sustained competency or global issues STEEP (Society, Technology, Economy, Environment, and Politics)		
Distinctive teaching	USR curriculum		
Course Content	General Courses		

Requirement	Regular attendance, prepare group discussion and submit individual remark of the course
Textbooks and Teaching Materials	Self-made teaching materials:Textbooks, Presentations, Videos Using teaching materials from other writers:Textbooks, Presentations, Videos
References	翁明賢等著。全民國防教育通論。台北市：黎明文化出版有限公司·2024。
Grading Policy	◆ Attendance : 30.0 %    ◆ Mark of Usual : 40.0 %    ◆ Midterm Exam : % ◆ Final Exam : % ◆ Other < individual assesment > : 30.0 %
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>