

COURSE OUTLINE HOMELAND SECURITY – COUNTERTERRORISM AND CYBERSECURITY

1. GENERAL

SCHOOL	SCHOOL OF ENGINEERING		
DEPARTMENT	PREVENTION AND MANAGEMENT OF CRISIS AND DISASTERS: INNOVATIVE TECHNIQUES IN CIVIL PROTECTION		
LEVEL OF STUDIES	ISCED level 7 – Master's or equivalent level		
COURSE CODE	CP05.1	SEMESTER	1 th Semester
COURSE TITLE	Homeland Security – counterterrorism and Cybersecurity		
TEACHING ACTIVITIES <i>If the ECTS Credits are distributed in distinct parts of the course e.g. lectures, labs etc. If the ECTS Credits are awarded to the whole course, then please indicate the teaching hours per week and the corresponding ECTS Credits.</i>		TEACHING HOURS PER WEEK	ECTS CREDITS
		3.0	6.0
<i>Please, add lines if necessary. Teaching methods and organization of the course are described in section 4.</i>			
COURSE TYPE <i>Background, General Knowledge, Scientific Area, Skill Development</i>	Scientific Area		
PREREQUISITES:	NO		
TEACHING & EXAMINATION LANGUAGE:	Greek, English		
COURSE OFFERED TO ERASMUS STUDENTS:	YES		
COURSE URL:	https://eclass.duth.gr/courses/		

2. LEARNING OUTCOMES

Learning Outcomes <i>Please describe the learning outcomes of the course: Knowledge, skills and abilities acquired after the successful completion of the course.</i>
<p><i>After completing the course, students should be able to:</i></p> <ul style="list-style-type: none"> • Understand the fundamental principles, strategies, and practices related to maintaining public order, protecting citizens, and safeguarding critical infrastructure at the national level. • Analyze contemporary security challenges, such as combating organized crime, terrorism, natural and human-made disasters, and crisis management. • Explain the legal framework and the role of institutional bodies involved in internal security and law enforcement, as well as the processes of national and international cooperation. • Apply modern technological methods and tools to enhance security, prevent threats, and protect critical information. • Develop crisis management skills by designing and implementing immediate response strategies in emergency situations. • Evaluate the balance between security and democratic values, considering the importance of protecting human rights and civil liberties. • Collaborate effectively with various stakeholders at national and international levels, strengthening the interdisciplinary approach to addressing security threats. • Develop critical thinking and problem-solving skills by assessing real security cases and formulating proposals for improving policies and protective measures.
General Skills <i>Name the desirable general skills upon successful completion of the module</i> <div style="display: flex; justify-content: space-between;"> Search, analysis and synthesis of data and information, ICT Use Project design and management Equity and Inclusion </div>

<i>Adaptation to new situations</i> <i>Decision making</i> <i>Autonomous work</i> <i>Teamwork</i> <i>Working in an international environment</i> <i>Working in an interdisciplinary environment</i> <i>Production of new research ideas</i>	<i>Respect for the natural environment</i> <i>Sustainability</i> <i>Demonstration of social, professional and moral responsibility and sensitivity to gender issues</i> <i>Critical thinking</i> <i>Promoting free, creative and inductive reasoning</i>
<i>Search, analysis, and synthesis of data and information, ICT Use</i> <i>Adaptation to new situations</i> <i>Decision-making</i> <i>Autonomous work</i> <i>Teamwork</i> <i>Working in an international environment</i> <i>Working in an interdisciplinary environment</i> <i>Project design and management</i> <i>Demonstration of social, professional, and moral responsibility and sensitivity to gender issues</i> <i>Critical thinking</i> <i>Promotion free, creative, and inductive reasoning</i>	

3. COURSE CONTENT

The purpose of the course is to equip students with knowledge, skills, and methodological tools for understanding, analyzing, and addressing modern challenges related to internal security, terrorism, and cyber threats.

Specifically, the course aims to:

- 1. Develop an understanding of internal security concepts and policies, including the institutional and legal frameworks governing threat prevention and response.*
- 2. Analyze terrorism and counterterrorism policies by examining its causes, forms, response strategies, and international cooperation in this field.*
- 3. Study modern cyber threats (such as cyberattacks, data breaches, and electronic warfare) and mechanisms for protecting critical infrastructure.*
- 4. Enhance decision-making and crisis management skills in environments related to internal security and emergency situations.*
- 5. Understand the role of international organizations and state mechanisms in shaping security policies and combating terrorism.*
- 6. Utilize modern technologies and data analysis methods for identifying, monitoring, and preventing threats.*
- 7. Promote critical thinking and research capabilities, encouraging students to propose innovative approaches to addressing security challenges.*

4. LEARNING & TEACHING METHODS - EVALUATION

TEACHING METHOD	Face to face	
<i>Face to face, Distance learning, etc.</i>		
USE OF INFORMATION & COMMUNICATIONS TECHNOLOGY (ICT)	Use of ICT in Teaching Use of ICT in Communication with students	
<i>Use of ICT in Teaching, in Laboratory Education, in Communication with students</i>		
TEACHING ORGANIZATION	Activity	Workload/semester
<i>The ways and methods of teaching are described in detail.</i> <i>Lectures, Seminars, Laboratory Exercise, Field Exercise, Bibliographic research & analysis, Tutoring, Internship (Placement), Clinical Exercise, Art Workshop, Interactive learning, Study visits, Study / creation, project, creation, project. Etc.</i>	Lectures	39
	Assignments	60
	Study and analysis of literature	78
	Exams	3
	Total	180
<i>The supervised and unsupervised workload per activity is indicated here, so that total workload per semester complies to ECTS standards.</i>		

STUDENT EVALUATION	
<p><i>Description of the evaluation process</i></p> <p><i>Assessment Language, Assessment Methods, Formative or Concluding, Multiple Choice Test, Short Answer Questions, Essay Development Questions, Problem Solving, Written Assignment, Essay / Report, Oral Exam, Presentation in audience, Laboratory Report, Clinical examination of a patient, Artistic interpretation, Other/Others</i></p> <p><i>Please indicate all relevant information about the course assessment and how students are informed</i></p>	<p>Student evaluation languages</p> <p>Greek</p> <p>English</p> <p>Method (Formative or Concluding)</p> <p>Summative</p> <p>Student evaluation methods</p> <p>Written Exams towards Solving a Problem 50%</p> <p>Relative use case compilation 50%</p>

5. SUGGESTED BIBLIOGRAPHY

Baylis, J., Wirtz, J. J., & Gray, C. S. (2018). *Strategy in the Contemporary World: An Introduction to Strategic Studies*. Oxford University Press.

Newman, E. (2016). *Understanding Civil Wars: Continuity and Change in Intrastate Conflict*. Routledge.

Silke, A. (Ed.). (2018). *Routledge Handbook of Terrorism and Counterterrorism*. Routledge.

Hoffman, B. (2017). *Inside Terrorism* (3rd ed.). Columbia University Press.