

<b>Subject</b>	<b>Community Emergency Response Team (CERT) and Computer Security Incident Response Team (CSIRT)</b>
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	<b>Type</b>	<b>Semester</b>	<b>ECTS</b>	<b>Code</b>
	Mandatory (M)	VI	5	

<b>Course Lecturer</b>	
<b>Course Assistant</b>	
<b>Course Tutor</b>	

<b>Aims and Objectives</b>	<p>Course aims to prepare students with the concept of knowledge and understanding of CERTs. Development of CERT at European and international level.</p> <p>The objectives of the course are to provide key references, theoretical arguments and study approaches related to CERT and CSIRT organization respectively:</p> <ul style="list-style-type: none"> <li>• Provide knowledge of the formation and organization of state-CERT-s and CSIRT-s in private sector.</li> <li>• To understand the role of organization and importance of the formation of these teams in the context of the great development of Information and Communication Technology.</li> </ul>
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<b>Learning Outcomes</b>	<p>Upon successful completion of this course, students will be able to:</p> <ul style="list-style-type: none"> <li>- Understand the need and policies of CERT / CSIRT regarding the security of critical corporate, state and international infrastructure.</li> <li>- Understand the legal and institutional basis of these teams, which enables them to be organized, for the sake of stability, development and human rights in the face of external and internal risks and threat</li> </ul>
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<b>Course Content</b>	<b>Course Plan</b>	<b>Week</b>
	Introduction to the syllabus and literature.	1
	Threat to individual, state and international infrastructure.	
	Need of the organization of CERT.	2
	Community of the emergencies. Security counteraction.	3
	Standards ISO, ISO 27001. Exercises with the CERT team.	4
	Planning the organization of CERT-it and the need of licencing.	5
	Project on planning the organization of CERT.	6
	Plan development for organizing CERT.	7
	Exercises.	8
	ENISA- European Agency for the security of computers networks.	9
	Role of State institutions, legal and institutional infrastructure for CERT.	10
	Visits to the state institutions -CERT (ASHI)	11

	Licencing with standards ISO and with technology	12
	CERT, TIK and SI	13
	Preparation of the students for final presentation of their work.	14
	Presentation and argumentation of the students' work and the final exam.	15
	<b>Teaching/Learning Activity</b>	<b>Weight (%)</b>
<b>Teaching/Learning Methods</b>	1. Lectures	15%
	2. Homework	15%
	3. Discussions/Critique	15%

	4. Final essay			50%
	5. Final essay defense			5%
	6. Lectures			15%
	7. Homework			15%
	8. Discussions/Critique			15%
<b>Assessment Methods</b>	<b>Assessment Activity</b>	<b>Number</b>	<b>Week</b>	<b>Weight (%)</b>
	1. Diskutime/kuiz	5	1, 3, 5,7,9	20%
	2. Pune-Projekt Grup (max ,2)			30%
	3. Ushtrime			
	4. Prezant.pefundimtar(provimi final)			50%
<b>Course resources</b>	<b>Resources</b>			<b>Number</b>
	1. Literature			Multiple
	2. Base data			Multiple
	3. Software – UBT			1
	4. Projector			1
	5. Literature			Multiple
	6. Base data			Multiple
<b>ECTS Workload</b>	<b>Activity</b>		<b>Weekly hors</b>	<b>Total workload</b>
	1. Lectures and discussions		3	45
	2. Method work		1	5
	3. Homework, homework review and final essay		10	50
	4. Homework and essay presentations		4	20
	5. Lectures and discussions		6	30
	6. Total			150

<p><b>Literature/References</b></p>	<p>Selected chapters from the books and other literature:</p> <ol style="list-style-type: none"> <li>1. ENISA Manual for the Security Network (EU)</li> <li>2. ISO 9000 Quality Systems Handbook, Fourth Edition; Completely Revised in Response to ISO 9000:2000, David Houle, Oxford....., 2001</li> <li>3. Ann RoinOideachaisAgusEolaiochta; LEAVIG QERTIFIKATE SYLLABUS (Ordinary Level and high level)</li> <li>4. Information Security Breaches – Avoidance and Treatment based, on ISO 27001, Second Edition, ISBN 13:978 184 928 583 4; Published: May 2014, Availability: In Stock</li> <li>5. Alan Colins; Contemporary security studies, oxford press UNIVERSITY, ISBN: 978-99956-39- 14-3</li> <li>6. Dr.sc. Ruzhdi Jashari; Mbrotja e te Dhenave Personale, me aspekte krahasuese ne Rajon, UBT, 2018.</li> </ol> <p>Second materials/ &lt;aterialdytesor:</p> <p>EU Law framework, Intern Law, support planning end other materials/Legjislacioni dhe korniza e rregullative e UE, Legjislacioni i Brendshëm, plane mbështetëse dhe material të ndryshme.</p>
<p><b>Contact</b></p>	