

Implementation plan Finished

Study unit	Enterprise Applications Security (A9161), 5.0
Implementation	CCA1621: 2/2016-2017 (30.01.2017 - 20.06.2017)
Type	CYBERSECURITY TECHNOLOGIES (A843)
Groups	Primary: CCA16SY Others :
Involved in the project	
Lecturers	Paresh Rathod and Pasi Kämppi
Number of participants	Minimum: Maximum:
Enrolment period	28.11.2016 08:00 - 09.12.2016
Main timing for implementation	According to student's own schedule
Applicability	For exchange students: Yes For elective studies: Yes Open UAS student: No Suitable for virtual UAS: Yes
Teachers	Rathod Paresh (Teacher in charge), Kämppi Pasi (Other teacher)
Campus	Laurea Leppävaara
Main location for implementation	Virtually
Implementation method	Optima realization/student group, Web/virtual Language: English Virtuality: 5 cr Integration of R&D: 0 cr
Implementation class	LbD supporting knowledge and skills development
Focus areas	Security, safety and social responsibility
Evaluation at the latest	20.07.2017 Storing of graded material ends.: 20.06.2018
Exam days	
Having completed the study unit the student is able to	The student is able to: • recognize information security risks related to web and email and how to avoid them • describe and analyze information security risks and protection mechanisms related to cloud services • analyze security risks related to the data terminal equipment of an organization and how to avoid them • avoid social engineering type information security threats • protect database applications against valid threats
Previous studies	
Previous studies, more information	Following are suggestions and not prerequisites of participating. However, learners will benefit more if they have finished previous study from following modules:A846 - INFORMATION SECURITY MANAGEMENTA845 - INFORMATION INFRASTRUCTURE AND SECURITYNOTE: On high numbers of enrollment,will give priority to those students who have finished previous studies inabove module.
Learning objectives	This study unit offers training in eight topics of <u>Certified Ethical Hacking (CEH)</u>
Contents	The study unit content is mapped with eight <u>Certified Ethical Hacking (CEH) body of knowledge</u> . The study provide training to prepare for Ethical Hacking certification.
Study material	Online learning + Library resources
Tutoring and communication	Main communication platform: Optima (Course Management System) Tutoring and Online Learning: • Five volunteer tutoring sessions (more on Optima) • Weekly studies: virtual learning and learning assignments Note: Study unit offered in the English language. Tutoring and guidance are also available in Finnish.
Evaluation criteria and methods	This is 100% online learning: Voluntary counseling meetings during the study unit

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	(five voluntary meetings)Weekly study, assignment and tasksStudents collect the points for different learning activities • Weekly studies • Learning assignments and tasks • Online tests
Work strain	Resource allocation: • 5 credits/137.5 hours of student work
Other arrangements	NOTE: This onlinestudy unit has high number of enrollement. In such situation, there will be selection of students. Business Information Technology and Security Management students will get priority.