

Implementation plan Finished

Study unit	Enterprise Applications Security (R0323), 5.0
Implementation	CCA1721: 2/2017-2018 (28.01.2018 - 15.06.2018)
Type	CYBERSECURITY TECHNOLOGIES (R060)
Groups	Primary: CCA17SY Others :
Involved in the project	
Lecturers	Paresh Rathod and Pasi Kämppi
Number of participants	Minimum: Maximum: 40
Enrolment period	27.11.2017 08:00 - 08.12.2017
Main timing for implementation	According to a schedule agreed by the parties
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	Technological competence and entrepreneurship (FUAS)
Evaluation at the latest	15.07.2018 Storing of graded material ends.: 15.06.2019
Exam days	
Having completed the study unit the student is able to	The student is able to • protect information systems against malware and social engineering • dissect and control sniffing, hijacking and denial-of-service (DoS) attacks • identify threats, vulnerabilities and risks associated web applications and web servers • protect and control web applications and web servers • defend against SQL-injections and buffer overflow challenges
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 MANAGEMENT A845 - INFORMATION INFRASTRUCTURE AND SECURITY NOTE: On high numbers of enrollment, will give priority to those students who have finished previous studies in above module.
Contents	This study unit offers training in eight topics of <u>Certified Ethical Hacking (CEH)</u>
Study material	Online learning, Optima and 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 (five voluntary meetings) Weekly study, assignment and tasks Students collect the points for different learning activities • Weekly studies • Learning assignments and tasks • Online tests
Work strain	Resource allocation:

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	• 5 credits/137.5 hours of student work
Other arrangements	NOTE: We have maximum 40 places available. This online study 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.