

Implementation plan Finished

Study unit	Systems Security (A9159), 5.0
Implementation	CCA1621: 2/2016-2017 (09.01.2017 - 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	On working days during daytime
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	
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, Service business, Technological competence and entrepreneurship (FUAS)
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: • identify threats, vulnerabilities and risks associated with operating systems • protect the systems of a company against known threats and risks • protect the network connections of distributed information systems • protect workstation and server environments • utilize Identity and Access Management (IAM) mechanisms
Previous studies	
Previous studies, more information	Following are suggestions and not strong 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	The content is mapped with CISSP (professional 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 (five voluntary meetings) Weekly study, assignment and tasks Students collect the points for different learning activities • Online Tests

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	• Weekly studies • Learning assignments and tasks
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.