

Implementation plan Finished

Study unit	Systems Security (A9159), 5.0
Implementation	CCA1521: 2/2015-2016 (01.02.2016 - 23.06.2016)
Type	CYBERSECURITY TECHNOLOGIES (A843)
Groups	Primary: CCA15SY Others :
Involved in the project	
Lecturers	Paresh Rathod and Pasi Kämppi
Number of participants	Minimum: Maximum:
Enrolment period	30.11.2015 08:00 - 07.12.2015
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: 3 cr Integration of R&D: 1 cr
Implementation class	LbD based on local project or development task
Focus areas	Security, safety and social responsibility, Service business, Technological competence and entrepreneurship (FUAS)
Evaluation at the latest	23.07.2016 Storing of graded material ends.: 23.06.2017
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	Recommended studies: Managing Information Security or Introduction to Information Security. Above studies will help students for smooth studying in this study unit.
Contents	This study unit is mapping with <u>SSCP®- Systems Security Certified Practitioner</u>.
Study material	Online learning + Library resources
Tutoring and communication	Main communication platform: Optima (Course Management System) Online Learning Platform: Weekly Scheduled Online Learning on our online learning platform Contact Sessions: There will be weekly contact sessions for learning guidance. Team Work: There will be team work on workshop and learning tasks (during and after contact session) Note: Study unit offered in the English language. Tutoring and guidance are also available in Finnish.
Evaluation criteria and methods	There are two different possibilities based on student learning orientation. <u>Learning Choice-1): Regular weekly studies guided by teachers</u> Student Driven and Teacher Guided Workshops: Learning methods include in-depth online learning on SSCP®- Systems Security Certified Practitioner body of knowledge (BoK). The workshops will provide a platform for learning reflection including individual/group learning activities and exercises.

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	<u>Learning Choice-2): Online Distance Learning</u> The student will be provided online learning material and s/he do regular weekly distance learning. This method will have <u>Self-study (Online Learning) + Weekly Learning Tasks + 2 Online Tests</u>
Work strain	Resource allocation: • 5 credits/137.5 hours of student work/8 hours per week
Other arrangements	There will be selection of students. Business Information Technology and Security Management students will get priority.