

Implementation plan Finished

Study unit	Systems Security (A9159), 5.0
Implementation	CCA1421: 2/2014-2015 (07.01.2015 - 19.06.2015)
Type	CYBERSECURITY TECHNOLOGIES (A843)
Groups	Primary: CCA14SY Others :
Involved in the project	
Lecturers	Pasi Kämppi and Paresh Rathod,
Number of participants	Minimum: Maximum:
Enrolment period	01.12.2014 08:00 - 07.12.2014
Main timing for implementation	
Applicability	For exchange students: No For elective studies: No Open UAS student: No Suitable for virtual UAS: No
Teachers	Kämppi Pasi (Teacher in charge), Rathod Paresh (Other teacher)
Campus	Laurea Leppävaara
Main location for implementation	
Implementation method	Optima realization/student group, Web/virtual Language: English Virtuality: 0 cr Integration of R&D: 0 cr
Implementation class	
Focus areas	
Evaluation at the latest	19.07.2015 Storing of graded material ends.: 19.06.2016
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	Needs basic know-how of ICT field and fundamentals of computer (Contact teachers for further information)
Learning objectives	• identify threats, vulnerabilities and risks associated with operating systems • protect workstation and server environments • utilize Identity and Access Management (IAM) mechanisms
Contents	The student is able to: • identify threats, vulnerabilities and risks associated with operating systems • protect workstation and server environments • utilize Identity and Access Management (IAM) mechanisms
Study material	More information during study unit offering
Tutoring and communication	Regular Guidance and Workshop Sessions with teachers
Evaluation criteria and methods	There will be TWO Tracks: Track-1: Regular Workshop <i>Individual Learning (60%):</i> • Individual student collecting points in different assignments • Team task in every workshop (team guided activities) <i>Hands-On Tasks (40%): [Cancelled due to lab environment readiness] Replaced by Students Driven Workshop</i> • Hands-On Lab Work (40 %) Track-2: Test Track • Individual student learn by themselves using provided material. Student

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	demonstrate learning outcome taking final test at end of study unit. There will be 2 chances of test.
Project (name)	Hands-On studies
Work strain	About 150 student hours of learning