

Implementation plan Finished

Study unit	Information Security Technologies (A0112), 5.0
Implementation	NIA1121: 2/2011-2012 (02.01.2012 - 19.06.2012)
Type	DEVELOPMENT OF CORE COMPETENCES IN THE FIELD (A030)
Groups	Primary: NIA10SN Others :
Involved in the project	
Lecturers	
Number of participants	Minimum: Maximum:
Enrolment period	28.11.2011 08:00 - 04.12.2011
Main timing for implementation	
Applicability	For exchange students: Yes For elective studies: No Open UAS student: No Suitable for virtual UAS: No
Teachers	Rathod Paresh (Teacher in charge), Mattila Anssi (Other teacher), Penttinen Heikki (Other teacher)
Campus	Laurea Leppävaara
Main location for implementation	
Implementation method	Optima realization/student group, Other method of implementation Language: English Virtuality: 0 cr Integration of R&D: 0 cr
Implementation class	
Focus areas	
Evaluation at the latest	19.07.2012 Storing of graded material ends.: 19.06.2013
Exam days	Re-exams: 31.05.2012, 06.09.2012, 04.10.2012
Having completed the study unit the student is able to	• understand the importance of information security technologies • understand the significance of encryption and how to utilise its features • identify and analyze vulnerabilities of information systems • evaluate and apply technical information security measures
Previous studies	Managing Information Security
Learning objectives	Learning industrial tools and technique and central themes include encryption and its applications. Technical safeguards related to information security and application in organisation network and systems
Contents	Technical safeguards related to information security and application in organisation network and systems. -Encryption & Email Security -Firewalls & Network Security -Operating System & Wireless Communication Security -Vulnerability management including PenTesting
Other arrangements	Complete details will be given during Induction class