

Implementation plan Being edited

Study unit	ICT Network Infrastructure (A9290), 10.0
Implementation	NIA1621: 2/2016-2017 (09.01.2017 - 20.06.2017)
Type	COMPETENCE IN ICT (A858)
Groups	Primary: NIA216SN Others :
Involved in the project	
Lecturers	Seppo Koponen, Riku Salmenkylä
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: No For elective studies: Yes Open UAS student: No Suitable for virtual UAS: No
Teachers	Koponen Seppo (Teacher in charge), Salmenkylä Riku (Other teacher)
Campus	Laurea Leppävaara
Main location for implementation	At the campus
Implementation method	Optima realization/student group Language: English Virtuality: 0 cr Integration of R&D: 0 cr
Implementation class	LbD supporting knowledge and skills development
Focus areas	No connection to focus areas
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 • describe the structures and operation of data networks utilizing the terms LAN, WAN, mobile networks and internet • configure and maintain LAN services • describe the functionality of main network protocols • do subnetting in IP network • secure data network services and analyse information security risks in business networks
Previous studies	
Contents	Lectures, reading assignments, classroom exercises, laboratory exercises
Study material	CCENT/CCNA ICND1 Official Exam Certification Guide. 2nd or 3rd edition. ciscopress.com Other material announced later.
Evaluation criteria and methods	The evaluation is based on skills and activity shown during the course. Small intermediate exams will be arranged as well as a final exam.