

Implementation plan Finished

Study unit	Networking Infrastructure (A9186), 5.0
Implementation	CCA1611: 1/2016-2017 (02.11.2016 - 14.12.2016)
Type	INFORMATION INFRASTRUCTURE AND SECURITY (A845)
Groups	Primary: CCA16SY Others :
Involved in the project	
Lecturers	
Number of participants	Minimum: Maximum:
Enrolment period	16.05.2016 08:00 - 31.05.2016
Main timing for implementation	As intensive week(s)
Applicability	For exchange students: Yes For elective studies: No Open UAS student: No Suitable for virtual UAS: Yes
Teachers	Koponen Seppo (Teacher in charge), Takala Jouni (Other teacher)
Campus	Laurea Leppävaara
Main location for implementation	At the campus
Implementation method	Optima realization/student group, Web/virtual Language: English Virtuality: 4 cr Integration of R&D: 0 cr
Implementation class	LbD supporting knowledge and skills development
Focus areas	Security, safety and social responsibility
Evaluation at the latest	14.01.2017 Storing of graded material ends.: 14.12.2017
Exam days	
Having completed the study unit the student is able to	The student is able to - describe the operation and structure of LAN and WAN utilizing the OSI protocol model and main network protocols - protect the networks of an organization against common information security threats on the Internet
Previous studies	
Previous studies, more information	Students should be familiar with TCP/IP networking and protocols, Ethernet LANs and their operation and basics of IT security: Study units A9149 or A9290 offer a good background.
Study material	CCNA ICND2 Official Exam Certification Guide, 2nd Ed (3rd OK also). Wendell Odom. Cisco Press. Other material announced during the implementation.
Evaluation criteria and methods	The evaluation is based on written exams and participation/activity during lectures and exercises.
Other arrangements	Note the start on 2.11.2016. We will have meetings at campus once a week between 2.11-14.12, but majority of the work is done in Optima workspace virtually.