

Implementation plan Finished

Study unit	ICT Network Infrastructure Project (A9065), 5.0
Implementation	NIA1311: 1/2013-2014 (03.09.2013 - 03.12.2013)
Type	DEVELOPMENT OF CORE COMPETENCES IN THE FIELD (A030)
Groups	Primary: NIA12SN Others :
Involved in the project	
Lecturers	
Number of participants	Minimum: Maximum:
Enrolment period	20.05.2013 08:00 - 02.06.2013
Main timing for implementation	
Applicability	For exchange students: Yes For elective studies: No Open UAS student: Yes Suitable for virtual UAS: No
Teachers	Takala Jouni (Teacher in charge), Koponen Seppo (Other teacher), Kämppi Pasi (Other teacher)
Campus	Laurea Leppävaara
Main location for implementation	
Implementation method	Optima realization/student group, Project/venture/R&D Language: English Virtuality: 0 cr Integration of R&D: 5 cr
Implementation class	
Focus areas	
Evaluation at the latest	31.12.2013 Storing of graded material ends.: 20.12.2014
Exam days	Real: No exam
Having completed the study unit the student is able to	• formulate and justify the project aims and objectives • prepare and present project plan • participate and manage project work related to building, expanding, managing and maintaining networks, independently and in groups • demonstrate and deliver project results
Previous studies	Data Networks or equivalent knowledge
Previous studies, more information	For Laurea students, also A9064 ICT Network Infrastructure is recommended.
Learning objectives	• According to the section "Having completed the study unit the student is able to": • Get self-confidence by finding a role in a project team and contributing actively to the results.
Contents	See Optima
Study material	Ojasalo, K., Moilanen, T. Ritalahti, J. 2009. Kehittämistyön menetelmät - Uudenlaista osaamista liiketoimintaan. WSOYpro, Helsinki. Translation of the essential parts of the book is in Optima workspace (in Materials) as a document "Research Oriented Approach.doc"
Tutoring and communication	Optima workspace "A9065 ICT Network Infra Project"
Evaluation criteria and methods	The students are evaluated and graded as a team unless their contribution is expressed explicitly, eg. in a action point register. Individual evaluation is applied in "Delivery of ideas" only. The team project is evaluated as a whole (5cr). No partial credits are issued. The total grade is given based on the following 3 evaluation targets: Evaluation criteria Evaluation target Weight Scale Systematic approach 40% 0-5 Delivery of ideas 40% 0-5 Reporting and documenting 20% 0-5

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	Systematic approach: Realistic planning, following the plan, reacting to changes, punctuality, usefulness, management Delivery of ideas: Clarity in presentations and slides, minding the audience, impression, argumentation Reporting and documenting: Logical format, structure and content of the project plan and final report
Project (name)	Students are encouraged to bring their own project ideas.
R&D methods	The students select their research methods according to their project objectives.

Learning events

Date	o'clock/at h		Subject	Content	Status	Teachers
03.09.2013	9:00	2	Introduction to the study unit	RegistrationAbout project managementExamples of projects at LaureaTeams	010	
10.09.2013	9:00	2	Project ideas to practise	Final forming of project groups (of 3) and more about project management.		
17.09.2013	9:00	2	Project groups and topics	The class is mandatory for those who have no group or topic yet. The others can continue their work on the project plan outside the class but are naturally invited to join the discussion. Supervisors are available for all.	same	
24.09.2013	9	2	Project plan completion	Workshop to complete the project plan. Mandatory for all groups.	same	
01.10.2013	9	2	Project plan presentations	The groups will present their project plan (document and slides)	same	
29.10.2013	9	2	Progress presentation	Mid check point presentations (no report required)		
26.11.2013	9		Final presentation			
03.12.2013	9		Report return deadline			
10.12.2013			Feedback review			