

Implementation plan Finished

Study unit	Designing ICT Systems (A0105), 5.0
Implementation	NIA1111: 1/2011-2012 (29.08.2011 - 19.12.2011)
Type	INITIATION OF PROFESSIONAL GROWTH (A029)
Groups	Primary: NIA11SN Others :
Involved in the project	
Lecturers	
Number of participants	Minimum: Maximum:
Enrolment period	23.05.2011 08:00 - 05.06.2011
Main timing for implementation	
Applicability	For exchange students: Yes For elective studies: No Open UAS student: No Suitable for virtual UAS: No
Teachers	De Arruda Camara Antonius (Teacher in charge), Rathod Paresh (Other teacher)
Campus	Laurea Leppävaara
Main location for implementation	
Implementation method	Optima realization/student group, Other method of implementation, Project/venture/R&D Language: English Virtuality: 0 cr Integration of R&D: 3 cr
Implementation class	
Focus areas	
Evaluation at the latest	17.01.2012 Storing of graded material ends.: 17.12.2012
Exam days	
Having completed the study unit the student is able to	• understanding of the principles, methods, strengths and difficulties of object-oriented system development • understanding the strategy for using modern methods and techniques in development of object-oriented systems • understand modelling and designing of object-oriented system using the industry standard systematically and effectively • critically evaluate and apply object-oriented techniques in object-oriented system development
Previous studies	
Previous studies, more information	This is a first year / first semester study-unit. No previous studies at Laurea required .
Contents	• introduction of System Development Life Cycle • principles of object-oriented analysis and designing • methods and Techniques in development of object-oriented systems • modelling and designing an object-oriented system
Study material	Reference book: System Analysis and Design with UML – An object-oriented approach (3rd edition); Allan Dennis, Barbara Haley Wixom, David Tegarden
Evaluation criteria and methods	• Project Work (60% of credits, grade 1-5) • Group output • Individual deliverables within the group • Participation on workshops and lectures (40% of credits, grade PASS/FAIL) • Minimum requirement: 70% participation on sessions
Project (name)	Modelling of Massidea.org System
Work strain	Total of 5 x 26,7 hours = 133,5 hours. Divided as: • 40 hours: Attendance to workshops and classes (Contact hours) • 93,5 hours: Individual and group work, self-study (Independent work)