

Implementation plan Finished

Study unit	Developing ICT Systems (A0107), 10.0
Implementation	NIA1021: 2/2010-2011 (03.01.2011 - 17.06.2011)
Type	INITIATION OF PROFESSIONAL GROWTH (A029)
Groups	Primary: NIA10SN Others :
Involved in the project	
Lecturers	
Number of participants	Minimum: Maximum:
Enrolment period	29.11.2010 08:00 - 05.12.2010
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), De Arruda Camara Antonius (Other teacher)
Campus	Laurea Leppävaara
Main location for implementation	
Implementation method	Optima realization/student group, Other method of implementation, Project/venture/R&D, Web/virtual Language: English Virtuality: 4 cr Integration of R&D: 4 cr
Implementation class	
Focus areas	
Evaluation at the latest	17.07.2011 Storing of graded material ends.: 17.06.2012
Exam days	Re-exams: 31.03.2011, 05.05.2011, 09.06.2011
Having completed the study unit the student is able to	• analyze and explain the behaviour of simple programs involving the fundamental programming constructs covered by this unit • design, implement, test, and debug a program that uses each of the following fundamental programming constructs: basic computation, simple I/O, standard conditional and iterative structures, and the definition of functions • choose appropriate conditional and iteration constructs for a given programming task • implement object-oriented programming in working life projects. • analyze to differentiate and use key terms such as: information, data, database, database management system, metadata, and data mining • explain the role of data, information, and databases in organizations • describe and interpret Entity Relationship and Object Modeling • formulate and test SQL queries • design, develop and manage the database system • describe the structure of the World Wide Web as interconnected hypertext documents
Previous studies	Designing ICT Systems