

Implementation plan Finished

Study unit	Fundamentals of Programming (A9288), 5.0
Implementation	NIA1621: 2/2016-2017 (06.02.2017 - 20.06.2017)
Type	COMPETENCE IN ICT (A858)
Groups	Primary: NIA216SN Others :
Involved in the project	
Lecturers	Paresh Rathod
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: No Open UAS student: No Suitable for virtual UAS: Yes
Teachers	Rathod Paresh (Teacher in charge)
Campus	Laurea Leppävaara
Main location for implementation	
Implementation method	Optima realization/student group, Web/virtual Language: English Virtuality: 2 cr Integration of R&D: 0 cr
Implementation class	
Focus areas	Service business
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 • use the fundamental syntax and building blocks of programming languages • plan, implement and test small-scale programs in accordance with the best practices of programming
Previous studies	
Previous studies, more information	Basic know-how of ICT and Computer Fundamentals
Learning objectives	Learning fundamentals of programming and coding
Contents	• Algorithm • Introduction to Java programming • Types, Variables, Statements and Blocks • Printing, reading and Operators • Methods and Arrays • Objects in problem solving • Class, model of an object
Study material	Will be provided as below:1) Optima (virtual guidance and communication) 2) Viope (Delivery of content and Individual practice)
Tutoring and communication	We are starting study unit on 06.02.2017. This is fully online study unit. Fully Online Study: Yes, it is possible to finish fully online study. Student needs a computer with an Internet access to finish studies. Teaching and Tutoring: Student will have possibilities of tutoring from teacher at Laurea Leppävaara on Tuesday (09.00 - 11.30) starting from 06.02.2017. Optima and Learning Platform Access: All registered students will get access on 06.02.2017. Tutoring help: Currently, teacher is preparing online study unit and material for students. Any student can seek teacher's help sending email before 06th February. Teacher has send email with all details to registered students on 27.01.2017 morning.
Evaluation criteria and methods	
Work strain	About 150 hours of student learning effort

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Other arrangements	
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