Subject code: IFI7102	Subject Name: Computer Skills and Programming Update		
Study load: 3 ECTS	**Load of contact hours:** 20	**Study semester:** Spring 2015	Exam
Objectives:	The goal of the course is to bring particular computer and programming skills to the level required by the studies. To create opportunities for the development of Java-based applications. To introduce programming basis and object-oriented principles using Java programming language.		
Course outline:	The course is an update to particular software skills, hardware and network know-how for students outside of computer science. Includes introduction to basic programming, especially Java, with development of applications for small problems.		
Learning Outcomes:	Course participant has basic skills in computer use and programming. Using them, he can continue his studies in other courses, which require knowledge about programming.		
Assessment Methods:	Pass/fail assessment.		
Teacher(s):	Sónia Sousa, PhD Fernando Loizides, PhD Romil Robtsenkov		
Subject name in Estonian:	Arvuti kasutamise ja programmeerimise tasanduskursus		
Prerequisite subjekt(s):	None.		
Compulsory Literature:	Are the course materials are available in the course cloud service (Gdrive)		
Replacement Literature:	Lewis, John and Logus, William (2011) Java Software Solutions: Foundations of Program Design, 7/E Addison Wesley. Boston. ISBN13: 9780132149181. Deitel, Deitel, Paul and Deitel, Harvey (2011) Java How to Program, 9/ e. Prentice Hall. Boston. ISBN-13: 9780132575669.		
Participation and Exam requirements:	It is a Pass/fail assessment. For students to pass, each student is required to present and defend orally his/her assignments and perform a practical exam. To pass the student has to be graded 60% or more.		
Independent work:	Practical exercises as homework assignments.		
Grading criteria scale or the minimal level necessary for passing the subject:	Grading criteria: Pass or fail.		
Information about the course:	Schedule: 12.02.15 (4 hours): Programming languages, basic programing development and Variables and Types. 26.02.15 (4 hours): Variables and Types and simple commands and syntax. 12.03.15 (4 hours): Logical Operators. 26.03.15 (4 hours): Logical Operators. 23.04.15 (4 hours): Decision Structures.		