



1.	Course title	Advanced programming
2.	Course code	F18L2W140
3.	Semester	3
4.	Unit offering the course	Faculty of Computer Science and Engineering
5.	ECTS	6
6.	Goals of the study programme	
	The student will attain knowledge of generic programming, abstract data types, creation of template classes and functions. After completing the course, the students will be capable for using generic data collections, maps, iterators and basic design patterns for rapid object oriented software development.	
7.	Contents of the study programme	
	Generic programming, abstract data types, generic functions, generic classes, data collections with direct and linear access, maps, refactoring, basic concepts of software design patterns, multithreading and concurrency concepts, integrated development environments.	