Discipline	ADVANCED OBJECT-ORIENTED PROGRAMMING (JAVA) code: 20 summer semester
Specialty	Computer Systems and Technologies
ECTS credits: **7**	Form of assessment: exam
Lecturer	Assoc. Prof. Ventsislav Nikolov, PhD Room 101 TB Phone: +359 52 383 433 E-mail: v.nikolov@tu-varna.bg
Department	Computer Science and Engineering
Faculty	Faculty of Computing and Automation

Learning objectives:

Using the main conceptions and principles of object-oriented programming, the students learn programming language Java and get knowledge and skills on Java programming. The course is considered the basic language statements and constructions. Such topics as Declaring Classes, Declaring Member Variables, Defining Methods, Constructors for Classes Providing, Passing Information to a Method or a Constructor, Creating Objects, Using Objects Inner Class Example and so on are discussed.

CONTENTS:		
Training Area	Hours lectures	Hours seminar exercises
Abstract classes	6	6
Packages	6	6
Generics	6	6
Interfaces	6	6
Inheritance	6	6
TOTAL: 60 h	**30**	**30**