

Discipline	ADVANCED OBJECT-ORIENTED PROGRAMMING (JAVA) - PROJECT code: 32a winter semester		
Specialty	Computer Systems and Technologies		
ECTS credits: <b>2</b>	Form of assessment: ongoing assessment		
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:			
<p>The aim of the course project is to extend the knowledge gained by students in "Object oriented programming fundamentals I and II". Students must implement a simple system with graphical user interface (GUI) with necessary controls. For implementing of the system must be used different approaches like Model-View-Controller design pattern, Observer-Observable, and etc. The technologies on which is based the project are Java, JDBC and MySQL. The project finishes with final documentation and technical review of the implementation. As a result, students gain practical skills in more advanced implementation.</p>			
<b>CONTENTS:</b>			
	Training Area	Hours lectures	Hours seminar exercises
	Development of window applications with business and administrative application areas		10
	Development of window applications in the field of education		10
	Development of game applications		10
	<b>TOTAL:</b> 30 h	<b>0</b>	<b>30</b>