

Discipline	COMPUTER ORGANIZATION - PROJECT code: 25c <b>summer semester</b>		
Specialty	Computer Systems and Technologies		
ECTS credits: 2	Form of assessment: ongoing assessment		
Lecturer	Assoc. Prof. Yulka Petkova, PhD Room 207-3 E Phone: +359 52 383 403 E-mail: yulka.petkova@tu-varna.bg		
Department	Computer Science and Engineering		
Faculty	Faculty of Computing and Automation		
<p>Learning objectives:</p> <p>Course design is a form of individual learning in which the student has to pass creatively through all major stages of engineering design - problem analysis, synthesis of the technical solution, realization of the solution and, if possible, experimental study of the solution. Individual assignments are tasks related to the design of hardware and application software in different ways and with different technical means.</p> <p>Students expand their knowledge; develop skills and habits for independent work with scientific and technical literature, application of standards requirements, drawing, organization and planning of the experiment, work with measuring equipment and specialized software. They develop a critical attitude towards different organizations and architectural solutions in computer systems.</p>			
<b>CONTENTS:</b>			
	Training Area	Hours lectures	Hours seminar exercises
	Assignment analysis		3
	Block synthesis and specification of tasks and how the core blocks work		8
	Synthesis of the technical solution, implementation and, if possible, experimental study of the solution.		8
	Design of application software (if necessary)		8
	Documenting the development		3
	<b>TOTAL:</b> 30 h	<b>0</b>	<b>30</b>