

Discipline	DIGITAL SYSTEMS	code: 24	summer semester
Specialty	Computer Systems and Technologies		
ECTS credits: 6	Form of assessment: exam		
Lecturer	Prof. Todor Ganchev, PhD Room 104A TB Phone: +359 52 383 614 E-mail: tganchev@tu-varna.bg		
Department	Computer Science and Engineering		
Faculty	Faculty of Computing and Automation		
<p>Learning objectives:</p> <p>By studying the subject "Digital Systems", the future engineer acquires skills for designing modern digital systems applicable to microprocessor engineering, computer equipment, communications, etc. areas of electronics.</p> <p>The discipline is related to the following disciplines: Microprocessor Engineering, Computer Organization, Microprocessor Systems, as well as specialized disciplines from the curriculum of the specialty CST.</p>			
CONTENTS:			
Training Area		Hours lectures	Hours seminar exercises
Working with logical elements and compiling a certain logic		6	6
Use of integral digital systems to generate and generate pulses		8	8
Basics of the logical design of digital systems		10	10
Familiarity with the languages for describing digital systems		6	6
TOTAL: 60 h		30	30