

Discipline	Electronic Components	code: 5235	Semester – /summer/
Specialty	Electronics		
ECTS credits: 7	Form of assessment: Evaluation during semester		
Lecturer	Associate Professor, PhD Toncho Papanchev Room: 208E Phone: +359 895550851 E-mail: t.papanchev@tu-varna.bg		
Department	Department of Electronics and Microelectronics		
Faculty	Faculty of Computer Sciences and Automation		
Learning objectives			
The course in “Electronic Components“covers the basic electronic components, their properties and uses. It introduces students to the passive elements used in contemporary electronic devices, their main characteristics and properties, the specificities of their construction and manufacturing, and their most common uses and applications.			
CONTENTS:			
	Training Area	Hours lectures	Hours seminar exercises
	Basic definitions and classifications of electronic elements	2	-
	Resistors	3	6
	Semiconductor resistors	6	6
	Capacitors	6	6
	Inductors	6	3
	Functional electronics	4	-
	Printed circuit boards.	3	9
	TOTAL:	60 h	<b>30</b>
		<b>30</b>	<b>30</b>