

Course Unit Descriptor

<b>Study Programme:</b> Audiovisual Media (Modules: Sound Recording and Design, Lighting Design)			
<b>Course Unit Title:</b> Applied Electrotechnics			
<b>Course Unit Code:</b> PRET			
<b>Name of Lecturer(s):</b> Siniša Isakov			
<b>Type and Level of Studies:</b> Undergraduate academic studies			
<b>Course Status (compulsory/elective):</b> Compulsory			
<b>Semester (winter/summer):</b> Winter			
<b>Language of instruction:</b> English			
<b>Mode of course unit delivery (face-to-face/distance learning):</b> Face-to-face			
<b>Number of ECTS Allocated:</b> 2			
<b>Prerequisites:</b> None			
<b>Course Aims:</b> Basic knowledge of electricity effects and the protection against its harmful effects on humans. Connecting the light, audio and video devices in accordance with the electrical regulations and safety standards (protection against electric shock).			
<b>Learning Outcomes:</b> By acquiring the basic knowledge of electrotechnics, the students are trained to independently work on electrical and electronic devices and systems in accordance with general safety regulations and the specifications of the device manufacturer which are necessary in order to work in a safe and professional environment: in theatres, radio, TV, film studios and on the field. It also gives students the background knowledge necessary to follow other courses in the field during their studies.			
<b>Syllabus:</b> Theory: Principles of work of electrical circuit basic elements. Sources, conductors and consumers of electricity, circuit breakers and fuses. Protection against electric shock. Electric shock treatment. Practice: Measuring basic electrical voltages and resistance. Phantom power supply. Connecting audio and video devices, cable types, connectors and interfaces. Connecting the speakers.			
<b>Required Reading:</b> “Applied Electrotechnics” – notes and presentations Electrical shock protection regulations			
<b>Weekly Contact Hours:</b> 2	<b>Lectures:</b> 1	<b>Practical work:</b> 1	
<b>Teaching Methods:</b> Group lectures and practical work			
<b>Knowledge Assessment (maximum of 100 points):</b> 100			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points

Active class participation	30	written exam	20
Practical work	15	oral exam	25
Preliminary exam(s)		.....	
Seminar(s)	10		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			