

## Specification for the book of courses

<b>Study program</b>		Electrical Engineering and Computer Science		
<b>Module</b>		Electronics - Multimedia technologies		
<b>Type and level of studies</b>		Undergraduate Academic Studies		
<b>The name of the course</b>		Photography		
<b>Lecturer (for lectures)</b>		Nikolić V. Saša		
<b>Lecturer/associate (for exercises)</b>		Cvetković S. Stevica		
<b>Lecturer/associate (for OFE)</b>		Cvetković S. Stevica		
<b>Number of ECTS</b>	5	<b>Course status (obligatory/elective)</b>	Obligatory	
<b>Prerequisites</b>				
<b>Course objectives</b>	Introduce the values of photography, how it can be made and what are the basic principles of creation and image processing using software for the photo, Photoshop. Present what are possibilities for the utilization of photographs in different purposes. Introduce students to the basic genres photographs, documentary, fashion, artistic, informative.			
<b>Course outcomes</b>	Students are able to independently capture their photos according to the basic rules and principles of the emerging picture. They will learn to recognize the moment and way of arising photos, why and how to make processing of photo in post-production in order to improve the visual experience and how they can use graphics with or without photos.			
<b>Course outline</b>				
<b>Theoretical teaching</b>	Basic concepts of fine art in photography, the creation and development of photography, the light, the analysis by the wavelengths of light, light sources, the color temperature. Photographic camera, emulsions, lenses, DOF, exposure, shutter. Frame and plans, composition photography, digital photography, photo editing in post-production.			
<b>Practical teaching (exercises, OFE, study and research)</b>	Practical teaching will be executed consistently throughout the semester, students will work through practical creation of photos with a camera and take photos on a given topic, architecture, documentary, news, art photography. Students will analyse photos, make refinement in Photoshop, correction and postproduction.			
<b>Textbooks/references</b>				
1	Dragoljub Kažić, Photography, 1996. (in Serbian)			
2	Scott Kelby, Photoshop CS: knjiga za digitalne fotografije, prevod Saša Prudkov, 1. izd., Čačak: Kompjuter Biblioteka, 2004.			
3				
4				
5				
<b>Number of classes of active education per week during semester/trimester/year</b>				
<b>Lectures</b>	<b>Exercises</b>	<b>OFE</b>	<b>Study and research work</b>	<b>Other classes</b>
2	1	1	0	0
<b>Teaching methods</b>	Lectures, auditive exercises, laboratory exercises.			
<b>Grade (maximum number of points 100)</b>				
<b>Pre-exam duties</b>	<b>Points</b>	<b>Final exam</b>	<b>Points</b>	
<b>Activity during lectures</b>	10	<b>Written exam</b>		
<b>Exercises</b>	20	<b>Oral exam</b>	40	
<b>Colloquia</b>				
<b>Projects</b>	30			