

Course Unit Descriptor

Study Programme: Fine Arts (module: Photography)			
Course Unit Title: Optics 2			
Course Unit Code: OPT2			
Name of Lecturer(s): Cvetinov Miroslav			
Type and Level of Studies: Undergraduate academic studies			
Course Status (compulsory/elective): Compulsory			
Semester (winter/summer): Summer			
Language of instruction: English			
Mode of course unit delivery (face-to-face/distance learning): Face-to-face			
Number of ECTS Allocated: 2			
Prerequisites: None			
Course Aims: Introduction to the basic principles of photographic optical systems.			
Learning Outcomes: Students understand and can apply the acquired knowledge of photographic optical systems.			
Syllabus:			
<i>Theory</i>			
Basic concepts of photographic optics (circle of least confusion, depth of field, field of view, hyperfocal distance, macro photography, close-up lens, extenders, tilt-shift photography, and filters.			
<i>Practice</i>			
Practical work is intended to deepen the acquired knowledge on the concepts of depth of field, crop factor, field of view, hyperfocal distance, zone focusing, as well as on principles of macro photography.			
Required Reading: Hedgecoe: <i>The Book of Photography</i> , DKL-LONDON 1976; Mono and Manjana: <i>Complete Photography Manual</i> , Harper Collins Publishers 2007; Сирс: <i>Оптика</i>			
Weekly Contact Hours: 2	Lectures: 2	Practical work: 0	
Teaching Methods:			
Group lectures with the use of supplementary teaching and video material.			
Knowledge Assessment (maximum of 100 points): 100			
Pre-exam obligations	points	Final exam	points
Active class participation	10	written exam	40
Practical work	20	oral exam	30
Preliminary exam(s)		
Seminar(s)			
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			