

(Table 5.2) Course unit description

<b>Study program:</b> Physics			
<b>Type and level of studies:</b> Undergraduate academic studies			
<b>Course unit:</b> Optics			
<b>Teacher in charge:</b> Nenad Stevanovic, professor			
<b>Language of instruction:</b> English			
<b>ECTS:</b> 5			
<b>Prerequisites:</b>			
<b>Semester:</b> summer semester			
<b>Course unit objective</b> Basic principles of geometrical and physical optics			
<b>Learning outcomes of Course unit</b> Students will be trained to be able to follow higher courses in physics.			
<b>Course unit contents</b>  <i>Theoretical classes:</i> Laws of geometrical optics. Diffraction of light. Interference of light. Doppler effect. Laser optics. Laws of heath radiation. <i>Practical classes:</i> Laboratory exercises regarding to geometrical and wave optics.			
<b>Literature</b> 1. I. V. Savelyev, General course, Moscow, 1978. 2. G.S. Landsberg, Optics, Nauka, Moscow, 1976.			
<b>Number of active teaching hours</b>			Other classes:
Lectures: 30	Practice: 30	Other forms of classes: Independent work:	
<b>Teaching methods</b>			
<b>Examination methods (maximum 100 points)</b>			
<b>Exam prerequisites</b>	<b>No. of points</b>	<b>Final exam</b>	<b>No. of points</b>
Practical classes		Written examination	30
Tests	30	Oral examination	40
Homework		Other	
Seminars			
Project			
<b>Grading system</b>			
<b>Grade</b>	<b>No. of points</b>	<b>Description</b>	
10	>= 91	Excellent	
9	81-90	Exceptionally good	
8	71-80	Very good	
7	61-70	Good	
6	51-60	Passing	
5	<=50	Failing	