

Level: Undergraduate Vocational Studies in Optometry				
Course title: Physical optics and photometry				
Status: obligatory				
ECTS: 6				
Requirements: none				
Learning objectives Introduction to the basic laws of physical optics and photometry.				
Learning outcomes Students should develop: General abilities: following the literature; search and using the Internet. Specific abilities: adopting the knowledge from physical optics and understanding the basic laws of photometry.				
Syllabus <i>Theoretical instruction</i> Basics of waves. Wave interference. Diffraction of light. Optical grating. Polarisation. Lasers. Basic definitions in photometry. <i>Practical instruction</i> Experimental: Diffraction grating, polarisation. Measurement of the intensity of light.				
Weekly teaching load				Other:-
Lectures: 4	Exercises: 1	Other forms of teaching:2	Student research: -	