

Study program: Special Education and Rehabilitation, module of Visual Impairments			
Type and level of studies: Basic Academic Studies			
Title of the subject: Basics of Technology and Techniques of Treatment of Eye Disease			
Lecturer:			
Course status: Obligatory			
ECTS: 5			
Prerequisites: Passed exam Ophthalmology			
Aim: Adopting basic knowledge of technology and eye testing techniques.			
Outcomes: Mastering the basic techniques of examining eye disease.			
Content <i>Lectures:</i> The history of ophthalmic instruments development. Contemporary approaches in Ophthalmic diagnostics. Perimetry. Color vision. Adaptation to darkness. Spalt lamp. Autorefractometry. Ophthalmoscopy. Retinoscopy. Keratometry. Fundus camera. OCT. Ultrasound in the diagnosis of eye diseases. <i>Practical work:</i> Visual field testing techniques. Adaptation testing techniques. Techniques for examining color vision. Mastering the basics of techniques: examination of the front eye segment, direct ophthalmoscopy, retinoscopy, keratometry, autorefraction, A and B scans.			
Literature 1. Golubović, S. (2009). <i>Oftalmologija – udžbenik za studente medicine (47-51)</i> . Beograd: Medicinski fakultet Univerziteta u Beogradu. ISBN 978-86-7117-265-3. 2. Stanojević-Paović, A., Milenković, S., Kontić, Đ. (2008). <i>Fiziologija oka</i> . Beograd: Medicinski fakultet Univerziteta u Beogradu (124-164). ISBN 978-86-7117-229-5. 3. Rosenfield, M., Logan, N. (2009). <i>Optometry: science, techniques and clinical management</i> . Elsevier. Philadelphia. ISBN 9780750687782. 4. <i>Manual of ocular diagnosis and therapy</i> . Deborah Pavan Langston. 3 rd ed little brown comp. Boston Toronto London 1991. 5. <i>The Wills eye manual</i> . Thieme. 2 nd ed. 1991.			
Number of active classes per week:	Lecture: 2	Practical work: 2	
Teaching methods: Lectures, practical classes, seminars and consultations. Interactive teaching – group work of students			
Evaluation of knowledge (maximum score 100)			
Pre obligations	Score	Final exam	Score
activities during the lectures	20	written exam	/
practical teaching		oral exam	50
midterm(s)	30		