

## Course specification

<b>Study programme:</b> Special education and rehabilitation – Module of visual impairments			
<b>Course title:</b> Access technology in the rehabilitation of persons with visual impairments			
<b>Lecturers:</b> Žigić S. Vesna			
<b>Level of Study, semester:</b> master studies, semester I			
<b>Course status:</b> elective			
<b>Credits:</b> 6			
<b>Condition:</b> Vocational rehabilitation of blind and visually impaired persons, Orientation and mobility of blind persons			
<p><b>Course goal</b></p> <p>Introduction students with the use of hardware and software that allow access to information for people with visual impairment, as well as acquire knowledge about existing resources and aids used in the rehabilitation of these persons.</p>			
<p><b>Course outcomes</b></p> <p>Training students for independent practical application of access technology in the process of rehabilitation of persons with visual impairment.</p>			
<p><b>Course content</b></p> <p><i>Lectures:</i></p> <p>Universal accessibility of technology, contemporary approach and standards in computer technology design, development of capabilities necessary for the use of access technology, adaptation technology for people with visual impairment and for hearing impaired persons.</p> <p>Braille keyboard, speech and screen readers, braille display, braille printer, embosser, scanners, screen enlargement, closed television system, internet, multimedia, interactive programs, computer adaptation for people with visual impairment.</p> <p><i>Exercises:</i></p> <p>Introduction and training on access technology in the rehabilitation of people with visual impairment.</p>			
<p><b>Literature</b></p> <p>1. Žigić, V; Šestić, M. (2006): "Computer Technology for Persons with Visual and Hearing Impairment", CIDD, Faculty of Special Education and Rehabilitation, Belgrade. ISBN 86-80113-49-2</p> <p>2. Howard Middleton (2004): "Technology, Learning and Working: Blind and Vision Impaired People's use of Technology, Aid for the Blind Society, Queensland.</p> <p>3. Žigić, V; Maćešić Petrović, D. (2017). Universal design in education and rehabilitation of people with visual impairment ", FASPER, ICF, Belgrade. ISBN 978-86-6203-099-3</p>			
<b>Hours of active teaching</b>	<b>Lecture: 2</b>		<b>Exercises: 2</b>
<b>Methods of teaching:</b>			
Lectures, multimedia, interactive teaching, demonstration.			
<b>Knowledge score (maximum points 100)</b>			
<b>Pre obligations</b>	<b>Points</b>	<b>Final exam</b>	<b>Points</b>
activities during lectures	25	test paper	
practical lessons	25	oral examination	50
colloquia		.....	
seminar			