

Study program: Special Education and Rehabilitation, module Hearing Disability			
Type and level of studies: Basic Academic			
Title of the subject: Advanced Hearing Technology			
Lecturer: Sanja B. Ostojic-Zeljko, Mina A. Nikolic			
Course status: Elective			
ECTS: 6			
Prerequisites: None			
Aim: The aim of course is to provide knowledge about basic principles in field of hearing technology for children and adults with hearing loss. Students acquire to recognize indications for hearing aids or CI, factors of listening development using hearing aids or CI.			
Outcomes: After completing the course the students will be able to realize management, evaluation and aural rehabilitation of clients with hearing aids or CI.			
Content <i>Lectures:</i> Factors for classification hearing loss, indications and candidacy for hearing aid or CI users (children and adults), types of hearing aids, history of hearing aids, bone conducting hearing aids, using of FM trainers, basis of surrounding and classroom acoustics. <i>Practical work:</i> Observation of selection process of hearing aid or other amplification strategies on children and adults with hearing loss.			
Literature Ostojić-Zeljko, S., Đoković S. (2017). Kohlearna implantacija ishod i perspektiva, Univerzitet u Beogradu, Fakultet za specijalnu edukaciju i rehabilitaciju, Izdavački centar fakulteta (ICF), ISBN 978-86-6203-094-8, p. 39-49: 72-93162-180. Ostojić, S., Mikić, B., Mirić, D. (2012). Savremeni modeli amplifikacije senzorneuralnih i konduktivnih oštećenja sluha, Specijalna edukacija i rehabilitacija, vol. 11, 3, 469-482 Ostojić, S., Đoković, S., Nikolić, M. (2012). Kohlearni implant-slušanje u svakodnevnim situacijama, Beogradska defektološka škola, vol. 18 (3), br. 54, 379-386, UDK 376.33, ISSN 0354-8759 Blamey, P.J. (2005). Sound processing in hearing aids and CIs is gradually converging, Emerging trends in cochlear implants , Vol. 58 • No. 11 Spencer P.E, Marschark , M. (2003). Cochlear Implants: Issues and Implications Deaf Studies, Language, and Education, ISBN 0-19-514997-1, str. 434-451 Maltby, M.T. (2002). Principles of Hearing Aid Audiology, ISBN: 1 86156 257 8, str. 80-123			
Number of active classes per week:	Lecture: 2		Practical work: 1
Teaching methods: Lectures, practical work, interactive education			
Evaluation of knowledge (maximum score 100)			
Pre obligations	Score	Final exam	Score
activities during the lectures	5	written exam	
practical teaching	20	oral exam	50
midterm(s)	20	
seminars	5		