

Study program: Speech and Language Pathology			
Type and level of studies: Master Academic			
Name of the course: Instrumental methods and techniques in voice rehabilitation			
Lecturers: prof. dr Petrović-Lazić D. Mirjana, ass. dr Šehović M. Ivana			
Course status: Elective			
ECTS: 7			
Prerequisites: None			
Aim: The course objective is to introduce students with instrumental methods and techniques of clinical voice testing that are most commonly used in practice.			
Outcomes: Outcome of the course are the students which are theoretical and practical trained, with use of technical devices, in the process of diagnosis and rehabilitation of voice disorders.			
Content: <i>Lectures:</i> 1. Instrumental methods and techniques in the treatment of voice disorders. Historical overview 2. The notion, definition and voice structure 3. Acoustics of voice 4. Procedure for diagnosing voice disorders using technical devices 5. Methods and techniques of sound spectrum analysis 6. Sound spectrographic 7. Indirect laryngoscopy in voice rehabilitation 8. Multidimensional voice analysis 9. Analysis and Data Processing <i>Practical work:</i> Exercises, Other forms of teaching, Study research work In the framework of practical training to perform the methods and techniques of clinical trials to vote.			
Literature 1. Rubin, J. S., Sataloff, R. T. and all (1995). <i>Diagnosis and Treatment of Voice Disorders</i> , New York : Medical Publishers, 262-326, ISBN 0 89640 276 2 2. Sataloff, R. T. (2005). <i>Treatment of Voice Disorders. The Science and Art of Clinical Care</i> , San Diego: Plural Publishing, 95-99, 395-417, ISBN 1-59756-040-5 3. Brown, Wm.S., Vinson, B.P., Crary, M.A. (2000). <i>Organic Voice Disorders, Assessment and Treatment</i> , San Diego: Singular Publishing Group, Inc., 49-89, ISBN 1-56593-268-4			
Number of active classes per week: 4		Lecture: 2	Practical work: 2
Teaching methods: (1) Lectures (2) Exercises (3) Other forms of active teaching			
Evaluation of knowledge (maximum score 100)			
Pre obligations		Score	Final exam
activity during the lectures		10	written exam
practical teaching		10	oral exam
midterm(s)		10	60
seminars		10	