Study program: Special Education and Rehabilitation, module Sensorimotor Disability

Type and level of studies: Basic Academic Studies

Title of the subject: Assistive Technology in Individual Education Plan

Lecturer: Gordana R. Odović, Vesna S. Žigić, Vesna S. Radovanović

Course status: Obligatory

ECTS: 6

Prerequisites: None

Aim: Gaining theoretical and practical knowledge on assistive technology devices and its using and applying in special education and rehabilitation.

Outcomes: Student will be able: to identify characteristics and functions of assistive technology devices; to identify barriers (architectural, institutional, communication or information); to develop strategies for implementing assistive technology devices in special education and rehabilitation program; to develop skills for participate in assistive technology team; to promote the use of assistive technology in education, rehabilitation, employment and daily living.

Content

Lectures: Promotion of inclusive society; Barriers facing persons with disabilities; Informatic literacy; Concept and definition of assisstive technology; Classification of assistive technology; Assistive technology for perons with hearing disabilities; Assistive technology for perons with motor disabilities; Resource centers for assistive technology; Assistve technology teams; Assistive technology in the IEP; Evaluation of assistive technology contribution in education and rehabilitation.

Practical work: Assess of informatic literacy; Applying of questionnaire for problem identification and matching persons and technology; Assistive technology assessment and implementation in IEP; Developing evaluation lists for contribution of assistive technologies.

Literature

1. Žigić, V., Radić-Šestić, M. (2006). *Računarska tehnologija za osobe oštećenog vida i oštećenog sluha*. Beograd: CIDD, 143 str.ISBN 86-80113-48-4
2. Radovanović, V., Karić, J. (2011). Asistivne tehnoligije za gluve i nagluve – sredstva za komunikaciju, *Beogradska defektološka škola,*Vol. 17 (3), br. 51, str. 467-475.
3. Radić-Šestić, M., Radovanović, V., Žigić, V. (2007). Korišćenje Interneta u nastavi za decu oštećenog sluha. *Inovacije u nastavi*, *20*(2), 114-120.
4. Odović, G. (2004). Značaj asistivne tehnologije u profesionalnoj rehabilitaciji i aktivnostima svakodnevnog života telesnoinvalidnih lica.*Beogradska defektološka škola,* 2-3, 171 – 176.
5. Odović, G. (2010). Asistivna tehnologija na radnom mestu. *Specijalna edukacija i rehabilitacija, 9* (2), 341 – 354.

Number of active classes per week	**Lecture: 3**	**Practical work: 3**

Methods of teaching: Lectures with interactive learning, applying audio-visual methods (Power Point presentations), showing short videos and films.

Evaluation of knowledge (maximum score 100)

Pre obligations	**Score**	**Final exam**	**Score**
activites during the lectures	10	written exam	
practical teaching	15	oral exam	50
midterm(s)	25	.....	
seminars			