University of Gdańsk

Subject card

Subject name and code	Technologies Used in Speech Therapy, PG_00150702						
Field of study	Logopedics						
Date of commencement of studies	October 2026		Academic year of realisation of subject	2029/2030			
Education level	uniform Master's studies		Subject group	Obligatory subject group in the field of study Subject group related to practical vocational preparation			
Mode of study	full-time studies		Mode of delivery	at the university			
Year of study	4		Language of instruction	Polish			
Semester of study	7		ECTS credits	1.0			
Learning profile	practical		Assessment form	credit			
Conducting unit	Institute of Logopaedics -> Faculty of Languages -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		mgr Monika Zielińska-Miętkiewicz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	15		1.0		9.0	25
Subject objectives	The purpose of the exercises is to acquire theoretical and practical knowledge in the field of the subject, to acquire practical skills in the field of creation and use of technology supporting the diagnostic and therapeutic process, familiarization with network resources and software offer for diagnostics and therapy, familiarization with basic subject literature.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[LOGJ5_K05] He is ready to build proper ties in the social environment and to initiate activities for the benefit of the social environment, prepared to responsibly perform the professional roles of a teacher and school speech therapist, including adherence to the principles of professional ethics and demanding this of others, as well as caring for the achievements and traditions of the profession.	The student is open to the use of communication and information technologies in speech therapy, while maintaining the right proportions in relation to other methods, uses different available technologies, methods and media, strives for the maximum possible individualization of teaching/ therapy, understands the need for continuous professional development and personal development with the participation of computer/technology; assesses his/her own competences and improves his/her skills during the implementation of therapeutic activities supported by multimedia applications.	[SK2] presentation/project/paper/ report [SK8] observation of student's independent or team work
	[LOGJ5_U01] Able to distinguish methodological orientations in scientific research, search, analyze, evaluate, select and integrate information in the field of linguistics (including speech therapy) using various sources, selection and application of appropriate methods and tools, including advanced information and communication technologies (ICT) in order to formulate critical judgments on this basis, solve complex problems and carry out tasks in an innovative manner.	The student can search the web and use its resources to enrich the workshop of speech therapists, can use modern technologies for preventive, diagnostic and therapeutic work in speech therapy, including creating their own interactive teaching aids.	[SU2] presentation/project/paper/ report [SU3] text preparation/written work [SU8] observation of student's independent or team work
	[LOGJ5_U11] He is able to cooperate in teamwork with representatives of various sciences: physicians, psychologists, educators, teachers, in order to provide holistic care and therapy to his patients, using equipment and apparatus, as well as diagnostic and therapeutic methods used in social sciences and medical disciplines relevant to the field of Logopedics.	The student is able to point out in computer programs and apply in his designed exercise sets examples of graphical and functional facilities for recipients with reduced perceptual capabilities, he can use selected tools from the field of technology in order to use them to create a workshop of speech therapists.	[SU2] presentation/project/paper/ report [SU3] text preparation/written work [SU8] observation of student's independent or team work
	[LOGJ5_W24] He knows the principles of designing the path of his own intellectual and competence development in connection with the studied discipline; he knows the conventional and unconventional methods of speech therapy teaching and therapy, including activation methods, and the principles of selecting effective teaching resources, including online resources, to support teaching the subject or conducting classes.	The student lists the features of the correct computer diagnostic and therapeutic program used as support for speech therapy, defines the terms: ICT, ICT, digital natives, digital immigrants, indirect communication, stationary and online therapy, knows contraindications in the use of some computer programs in speech therapy in some patients, has knowledge about conducting therapy with the use of technology in the field of school speech therapist work.	[SW3] text preparation/written work
	[LOGJ5_W17] He knows the legal and other conditions of research in linguistics (including speech therapy) and the conditions of application of the results of this research, the principles of operation and protection of intellectual property and copyright, as well as the principles in the field of industrial property protection and the need to manage intellectual property resources.	The student knows and understands the basic principles of copyright protection when using network resources.	[SW3] text preparation/written work
	[LOGJ5_W14] Understands the principles of operation of equipment and apparatus, as well as diagnostic and therapeutic methods used in social sciences and medical disciplines relevant to the field of Logopedia.	The student knows and understands the rules of safe use of the computer and network resources.	[SW3] text preparation/written work

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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[LOGJ5_U10] He is able to apply the principles of methodology of task performance, norms (ethical, professional) of designing and conducting scientific research and the provisions of the law, in particular copyright law and related to the management of intellectual property, as well as procedures and good practices used in institutions or ventures, related to the selected sphere of speech therapy and pedagogical activity.</td><td>The student is able to apply the legal provisions relating to copyright law in the use of network resources.</td><td>[SU3] text preparation/written work</td></tr>
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<tr><td>Subject contents</td><td>Diagnostics, therapy and technologies general issues: discussion of the principles of creating programs supporting the diagnosis/therapy of certain dysfunctions, principles of therapeutic work with the participation of technologies, individual work with students with certain dysfunctions, group work with students with certain dysfunctions.
How can broadly understood technology support the therapeutic process?
Overview, discussion of advantages and disadvantages of available diagnostic and therapeutic software.
Combined disability and modern multimedia solutions - therapy of a disabled child and technologies.
Principles of therapeutic work with the participation of technology, additional equipment enabling patients with significant mobility limitations to operate a computer.
Network resources and e-learnig - new opportunities of a modern speech therapist.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td></td></tr>
<tr><td>Assessment methods and criteria</td><td>
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<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Participation in the discussion</td><td>51.0%</td><td>50.0%</td></tr>
<tr><td>Projekt</td><td>51.0%</td><td>50.0%</td></tr>
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<tr><td>Recommended reading</td><td>
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<tr><td>Basic literature</td><td>Pyżalski J., Plichta P. (red.) (2013). Wychowanie i kształcenie w erze cyfrowej. Regionalne Centrum Polityki Społecznej w Łodzi.</td></tr>
<tr><td>Supplementary literature</td><td>Marcela M., Czechowska Z. (2021). Jak nie zgubić dziecka w sieci. Muza SA.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td></td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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