

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
CLINICAL SPEECH and LANG. THE. I: ADVA. STUDIES in MEAS., ASSE., IMAGING and TECH.	DKTY1138780	Fall Semester	2+2	3	8
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	Second Cycle (Master's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Prof.Dr. Saime Seyhun TOPBAŞ				
<b>Name of Lecturer(s)</b>	Prof.Dr. Saime Seyhun TOPBAŞ				
<b>Assistant(s)</b>					
<b>Aim</b>	Enabling advanced on-the-job application of assessment, evaluation, imaging and technological applications used in assessment and intervention in speech and language therapy.				
<b>Course Content</b>	This course contains; 1st Week: Introduction to advanced technological applications and assessment-evaluation techniques used in SLT,2nd Week: Developmental language disorders,3rd Week: Assessment-evaluation tools used in diagnosis and treatment of developmental language disorders,4th Week: Technologies used in diagnosis and treatment of developmental language disorders,5th Week: Acquired aphasia and word retrieval disorders,6th Week: Assessment-evaluation tools used in diagnosis and treatment of acquired aphasia and word retrieval disorders,7th Week: Technologies used in diagnosis and treatment of acquired aphasia and word retrieval disorders,8th Week: Computer-assisted treatment,9th Week: Assessment-evaluation tools used in diagnosis and treatment of aphasic sentence production disorders,10th Week: Technologies used in diagnosis and treatment of aphasic sentence production disorders I,11th Week: Technologies used in diagnosis and treatment of aphasic sentence production disorders II,12th Week: Comparison of assessment-evaluation tools used in speech and language disorders,13th Week: Comparison of technologies used in speech and language disorders,14th Week: Overview.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
- describe and use the assessment, imaging and technological applications in speech and language therapy at an advanced level,			13, 9	E	
- evaluate/compare the methods used in diagnosis and treatment of speech and language disorders,			10, 21, 6, 9	A	
- explains assessment and evaluation tools used in developmental language impairments,			13, 16, 6, 9	E	
- explains assessment and evaluation tools used in types of aphasia,			10, 14, 9	A	
- uses computer-assisted therapy tools,			19, 6, 9	E	
- recognizes aphasic word-finding impairments and technologies used,			14, 6, 9	A	
- recognizes aphasic sentence-production impairments and technologies used,			12, 13, 9	A	
- recognizes aphasic comprehension impairments and technologies used,			12, 13, 9	E	
<b>Teaching Methods</b>	10: Discussion Method, 12: Problem Solving Method, 13: Case Study Method, 14: Self Study Method, 16: Question - Answer Technique, 19: Brainstorming Technique, 21: Simulation Technique, 6: Experiential Learning, 9: Lecture Method				
<b>Assessment Methods</b>	A: Traditional Written Exam, E: Homework				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	1st Week: Introduction to advanced technological applications and assessment-evaluation techniques used in SLT	Reviewing weekly course contents and having some ideas about the course.			
2	2nd Week: Developmental language disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
3	3rd Week: Assessment-evaluation tools used in diagnosis and treatment of developmental language disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
4	4th Week: Technologies used in diagnosis and treatment of developmental language disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
5	5th Week: Acquired aphasia and word retrieval disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
6	6th Week: Assessment-evaluation tools used in diagnosis and treatment of acquired aphasia and word retrieval disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
7	7th Week: Technologies used in diagnosis and treatment of acquired aphasia and word retrieval disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
8	8th Week: Computer-assisted treatment	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
9	9th Week: Assessment-evaluation tools used in diagnosis and treatment of aphasic sentence production disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
10	10th Week: Technologies used in diagnosis and treatment of aphasic sentence production disorders I	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
11	11th Week: Technologies used in diagnosis and treatment of aphasic sentence production disorders II	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
12	12th Week: Comparison of assessment-evaluation tools used in speech and language disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
13	13th Week: Comparison of technologies used in speech and language disorders	Reading the article on this week's topic that is uploaded into the system and doing the assignment given.			
14	14th Week: Overview				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		50			
General Exam		50			

**Graduate School of Health Sciences / Speech and Language Therapy M.S (without thesis)**  
**2023 - 2024 Academic Year**  
**CLINICAL SPEECH and LANG. THE. I: ADVA. STUDIES in MEAS., ASSE., IMAGING and TECH.**  
**Syllabus**

<b>Resources</b>
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PowerPoint slidesBeals, K., Dahl, D., Fink, R., & Linebarger, M. (2015). Speech and Language Technology for Language Disorders. Walter de Gruyter GmbH & Co KG.
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