Course Syllabus

Code - Course Title	**DKT629 - Evidence Based Practice in Speech and Language Disorders**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. ELÇİN TADIHAN ÖZKAN

Mode of Delivery	Face to face
Place of Delivery	On Campus
Used Educational Platforms	Face-to-face
Prerequisites	No prerequisites nor co-requisites.
Courses Recomended	DKT601 Research Models in Speech and Language TherapyDKT602 Evaluating Speech and Language Therapy Research
Recommended Resources	Evidence-Based Practice in Speech Pathology (Sheena Reilly, Jacinta Douglas, Jenni Oates)Embedding Evidence-Based Practice in Speech and Language Therapy: International Examples (Hazel Roddam, Jemma Skeat)ASHA Evidence MapsSystematic Reviews
Work Placement	NA
Aims of the Course	This course aims to enable doctoral students to critically evaluate and synthesize advanced research evidence regarding language and speech disorders, integrate this evidence into clinical decision-making processes, and design original research to address evidence gaps in the field.

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1	**LO-1**	Introduction to evidence based practice	Lecture, Brain Storming, Critique/Critical Reading
Week - 2	**LO-1**	Key Steps in the EBP Process	Lecture, Case Study
Week - 3	**LO-1** **LO-2**	Key steps in the EBP process (cont.)	Lecture, Brain Storming, Critique/Critical Reading
Week - 4	**LO-1** **LO-2** **LO-3**	Treatment efficacy studies	Critique/Critical Reading, Document/Text/Data Analysis
Week - 5	**LO-1** **LO-2** **LO-3**	Experimental designs	Critique/Critical Reading, Document/Text/Data Analysis

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 6	LO-1 LO-2 LO-3	Experimental designs (cont.)	Lecture, Critique/Critical Reading, Document/Text/Data Analysis
Week - 7	LO-1 LO-2 LO-3	Assignment explanation	Lecture
Week - 8	LO-1 LO-2 LO-3 LO-4	Significance of Evidence	Lecture, Brain Storming
Week - 9	LO-5 LO-6	Single subject designs	Lecture
Week - 10	LO-4 LO-5 LO-6	Systematic review	Lecture, Case Study
Week - 11	LO-4 LO-5 LO-6	Meta-analysis	Lecture
Week - 12	LO-3 LO-4 LO-5 LO-6	Research validity	Lecture, Case Study
Week - 13	LO-1 LO-2 LO-3 LO-4 LO-5 LO-6	Assignment presentations	Lecture
Week - 14	LO-1 LO-2 LO-3 LO-4 LO-5 LO-6	Final exam	Lecture

Learning Outcomes

#	Learning Outcome
1	Critically discusses the components and steps of evidence-based practice in the context of speech and language disorders.
2	Formulates a clinical question appropriate for evidence-based practice and systematically retrieves relevant external evidence.
3	Critically appraises studies conducted with different research designs (pre-experimental, quasi-experimental, true experimental, single-subject) in terms of sampling, validity and clinical significance.
4	Evaluates intervention and diagnostic evidence, systematic reviews and meta-analyses according to their methodological quality.
5	Develops justified clinical decisions by integrating external evidence with clinical expertise and client preferences.
6	Designs an experimental research design or a systematic review protocol addressing an evidence gap in the field.

Sustainable Development Goals

✓ Quality Education

Course Theme

✓ Health Sciences and Medical Technologies

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	3.00	14	42
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	3.00	14	42
Ödevler	4.00	14	56
Proje - Rapor - Sunum Hazırlama	3.00	14	42
Ara Sınav Hazırlığı (sınav süresi dahil)	0.00	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0.00	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0.00	0	0
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**7.5**

Assessment Method and Passing Requirements

✓ Homework ✓ Presentation