Course Syllabus

Code - Course Title	**SAĞ120 - Child Health and Child Neurology**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. ELÇİN TADIHAN ÖZKAN

Mode of Delivery	The mode of delivery of this course is Face to face
Place of Delivery	On Campus
Used Educational Platforms	Face-to-face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course.
Recommended Resources	Not available
Work Placement	There is no application.
Aims of the Course	The aim of this course is to provide students of speech and language therapy with fundamental knowledge regarding problems that may arise during the prenatal, perinatal, and postnatal periods, as well as neurological development during the neonatal and infancy stages. The course aims to introduce the effects of common childhood diseases on neurological development, the causes of neurologically based problems that hinder communication in children, medical diagnostic processes, and clinical approaches. Accordingly, it is intended that students comprehend the role of the speech and language therapist in prevention, screening, differential diagnosis, and clinical assessment processes, and develop a basic framework for the assessment and referral of children with neurologically based communication disorders.

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1	**LO-2**	Normal Brain Development	Lecture
Week - 2	**LO-2**	Steps in the development of normal neuromotor development	Lecture
Week - 3	**LO-1** **LO-7**	High risk factors causing disability and medical monitoring of risky infants	Lecture
Week - 4	**LO-5**	Intellectual disability/global developmental delay in terms of Child Neurology	Lecture
Week - 5	**LO-3**	Chilldhood central nervous system infections.	Lecture
Week - 6	**LO-4**	Causes of hearing loss in children and approaches	Lecture
Week - 7	**LO-1** **LO-2** **LO-3** **LO-5** **LO-7**	Midterm Exam	Problem Solving

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 8	LO-3 LO-7	Diagnosis of Cerebral Palsy and monitoring it	Lecture
Week - 9	LO-3 LO-6	Definition of seizure, epilepsy, febrile seizure and first aids.	Lecture
Week - 10	LO-2 LO-5	Speech and language delay in children and their causes	Lecture
Week - 11	LO-5	Autistic findings leading to neurological problems and their impact on language development	Lecture
Week - 12	LO-7	Teamwork in neurological diseases	Lecture
Week - 13	LO-8	Physical Child Abuse	Lecture
Week - 14	LO-1 LO-2 LO-3	Revision	Question & Answer, review of the topic

Learning Outcomes

#	Learning Outcome
1	Explains the risk factors that may affect neurological development during the prenatal, perinatal, and postnatal periods and defines the fundamental principles of high-risk infant follow-up.
2	Explains the stages of neuromotor, cognitive, social, and language development in childhood, starting from the neonatal period.
3	Explains the fundamental clinical characteristics of common neurological disorders in childhood (central nervous system infections, epilepsy, cerebral palsy) and their effects on communication.
4	Explains the signs and causes of hearing loss in children and its effects on language and speech development.
5	Distinguishes between neurological disorders that impede communication, including autism spectrum disorder, and the causes of language and speech delays.
6	Lists the first aid steps to be applied to a child experiencing a seizure.
7	Explains the role of the speech and language therapist in the prevention, screening, and differential diagnosis processes of neurologically-based communication disorders, as well as the importance of interdisciplinary teamwork.
8	Recognizes the neurological and psychological signs of physical abuse in children and explains the reporting obligations of healthcare professionals.

Sustainable Development Goals

✓ Health and Quality of Life

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)	1.00	14	14
Ödevler	0.00	0	0
Proje - Rapor - Sunum Hazırlama	0.00	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	10.00	1	10
Final Sınavı Hazırlığı (sınav süresi dahil)	10.00	1	10
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0.00	0	0
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**3.0**

Assessment Method and Passing Requirements

✓ Open-Ended Test

Community Service Activity

This course does not include any Community Service activities.