Course Syllabus

Code - Course Title	**İEÖ617 - Anatomy and Physiology of Hearing (Auditory) System**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ DUYGU BÜYÜKKÖSE

Mode of Delivery	Face to face
Prerequisites	Non
Courses Recomended	Non
Recommended Resources	Ders Notları: Dersi veren öğretim üyesi tarafından güncel bilgilerden derlenmiş ders notları ve görseller ders yılı başında öğrencilere verilecektir.James Pickles (2012) An Introduction to the Physiology of Hearing.Anthony Seikel, Douglas W. King and David G. Drumright (Jun 4, 2009),Anatomy and Physiology for Speech Language and Hearing,Delmar,USAGuyton A.C., Hall JE, Tıbbi Fizyoloji 2017 Güneş Tıp Kitapevleri
Work Placement	Non

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Sound and hearing	
Week - 2		Sound and hearing	
Week - 3		Anatomy of hearing system: The outer ear, middle ear, inner ear;	
Week - 4		Anatomy of hearing system: The outer ear, middle ear, inner ear;	
Week - 5		Anatomy of hearing system: The outer ear, middle ear, inner ear	
Week - 6		Physiology of Hearing System: The outer ear, middle ear, inner ear	
Week - 7		Physiology of Hearing System: The outer ear, middle ear, inner ear	
Week - 8		Physiology of Hearing System: The outer ear, middle ear, inner ear	
Week - 9		The frequency of hearing loss; Classification of hearing loss: Conductive, Sensory neural, Mixed type, Central, Functional	
Week - 10		The frequency of hearing loss; Classification of hearing loss: Conductive, Sensory neural, Mixed type, Central, Functional	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 11		Pathologies of outer ear: Deformities of auricle, external auditory meatus, Tympanic membrane, Pathologies of middle ear: ex: Acute Otitis Media, Genetic syndromes along with conductive hearing loss	
Week - 12		Pathologies of inner ear: Ex: Childhood period: Ex: Genetic and non genetic hearing losses, Adulthood Period: Ex: Meniere Syndrome	

Learning Outcomes

#	Learning Outcome
1	Will be explaining the concepts about sound and hearing • Compares the concepts about sounds and hearing • Tells and writes the basic characteristics of sound • Tells and writes the basic concepts of hearing Will be explaining anatomical aspects of hearing • Tells and writes the anatomy of outer ear • Tells and writes the anatomy of middle ear • Tells and writes the anatomy of inner ear Will be explaining physiological aspects of hearing • Tells and writes the physiological of outer ear • Tells and writes the physiological of middle ear • Tells and writes the physiological of inner ear Will be explaining the types of hearing loss • Explains the characteristics of conductive hearing loss • Explains the characteristics of sensory neural hearing loss • Explains the characteristics of mixed hearing loss • Explains the characteristics of central hearing loss • Explains the characteristics of functional hearing loss Will be explaining phatalogical aspects of hearing loss • Tells and writes phatalogies of outer ear • Tells and writes phatalogies of middle ear • Tells and writes childhood period phatalogies of inner ear • Tells and writes adulthood period phatalogies of inner ear • Compares phatalogies of inner ear occurring during childhood and adulthood periods

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

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

Assessment Method and Passing Requirements

No content has been provided.