

LANGUAGE AND SPEECH THERAPY COURSES

I.SEMESTER

DKT 101 – Basic Physics and Physics of Sound (3 ECTS)

Physics and measurement; motion in one dimension; vectors; movement in two dimensions; laws of motion; circular motion and newton laws; work and kinetic energy; conservation of potential energy and energy; law of gravity; linear momentum and collisions; rotation of rigid bodies about a fixed axis; rolling motion and angular momentum; static equilibrium and elasticity; vibration motion; sound waves; fluid mechanics; concepts of violence and pressure; phon, sone, equivalent power levels.

DKT 103 – Anatomy (5 ECTS)

Cells and tissues; nervous system structure; sense organs; skeletal system; the circulatory system; respiratory system; digestive system; excretory system; endocrine system and reproductive system anatomy.

DKT 105 – Physiology (3 ECTS)

Basic concepts and terms in physiology; cell physiology; nervous system physiology; physiology of sense organs; physiology of muscle system; physiology of the digestive system; physiology of the circulatory system; respiratory system physiology; physiology of the excretory system; reproductive physiology; endocrine system physiology.

DKT 107 – Introduction to Hearing Science (3 ECTS)

Anatomy and physiology of hearing and balance system; concepts associated with hearing and balance science; acoustic properties of hearing processes: sound, sound waves, frequency, intensity, duration, pressure, pitch and amplitude concepts; hearing science.

DKT 109 – Introduction to Language and Speech Disorders (4 ECTS)

Development and history of language and speech therapy profession in Turkey and in the world; the task description of the language and speech therapist; communication; language and speech processes; classification of communication, language and speech disorders from clinical and educational perspectives; reasons, types and qualities of communication, language and speech disorders; language and speech disorders; language disorders; phonology-speech sound disorders; stuttering; hearing impaired; voice disorders; neurogenic communication disorders; co-operation with different disciplines: team work, the role of other specialists, task limits, swallowing disorders, developmental language.

DKT 111 – General Psychology (3 ECTS)

Psychology course focuses on the key concepts of psychology. This course includes psychology as a behaviour science, psychology and human, determinants of psychology of human, human behaviour and social environment; child, young, woman, adult and elderly psychology, subfields of psychology, what is applied psychology, psychological interview techniques, theories of personality, human behaviour, important psychologists around the world and Turkey, stress, conflict and management, psychiatric social work, psychopathology, mental health and illnesses, what is social psychology.

II.SEMESTER

DKT 102 – Neuroanatomy and Neurophysiology of Language and Speech (4 ECTS)

What is communication?; What is tongue?; What is speech?; Speech organs; speech chain; nervous system organization; neuron and neuronal communication; glial cells; embryological development of the central nervous system; central nervous system anatomy; brain functional anatomy and physiology; brain language areas and functions; cerebral cortex and tongue processing.

DKT 104 – Phonetic and Phonetic Laboratory (4 ECTS)

Basic concepts in phonology; speech organs and functions; consonants of Turkic: phonemes; families of the Turkic: voice units; consonants of Turkic: phonemes; famous people of Turkic: phonemes; consonants in world languages; renowned in world languages; speaking in context: piecewise features; conversation in context: co-articulation, transcription.

DKT 106 – Embryology for Language and Speech Therapy (3 ECTS)

Description of embryology; prevention of embryology for language and speech therapists; embryological development; fetus period; segmentation; blastulasyo's; gastrulation; neuralization and formation of germ leaves: ectodermin formation, mesodermin formation, endodermin formation; organogenesis: eye formation, nervous system formation; lip and palate development: embryology of cleft lip and palate, types of cleft lip and cleft palate, embryology of palate and lips, craniofacial development of respiratory and digestive system, development of skull bones, theories, integration of extensions, mesodermal migration.

DKT 108 – Child Health and Child Neurology (3 ECTS)

Normal brain development; normal neuromotor development; risk factors that cause disability and risky baby monitoring; mental retardation in terms of childhood neurology; infections of childhood nervous system; classification of neurodevelopmental and psychiatric disorders: cognitive disorders; motor disorders; vision-hearing and speech disorders; epilepsy; schizophrenia; dyslexia; learning problems and autism, cerebral palsy diagnosis and follow-up, referral, epilepsy, definition and first aid, delayed language and speech in children, neurological problems with autistic findings and language development, team work in neurological diseases.

DKT 110 – Language Acquisition Theories (2 ECTS)

Psycholinguistics as a field of applied linguistics; language as a cognitive system; relation between language and thought; the nature of language proficiency; psychological mechanisms in language acquisition and production; language processing-paradigm of information processing; language is related to memory, attention, cognition; different approaches in psycholinguistics; theories of language acquisition; language acquisition and development process in normal children: stages of language development in infancy, pre-school and school-age children; phonetics, syntax, semantic knowledge and development of knowledge; delayed language and speech; comparison of language development with normal development in children with disabilities; case studies in children's language development; language development in Turkish children and language comparisons; examination of language acquisition researches in Turkey; techniques for taking a language sample; field work; taking measurements; analysis, evaluation and interpretation of language measurements.

DKT 112 – Clinical Observation of Language and Speech Disorders I (2 ECTS)

Evaluation in speech and speech therapy: psychometric measurement, definitions; basic screening, measurement and interview techniques in language and speech therapy; the importance, principles and practice of screening, measuring and interviewing techniques used in different disciplines; formal and informal assessment, natural data collection and analysis; interpretation and reporting of information obtained by different screening, measurement and interview techniques applied to individuals with different language and speech problems; language and speech tests; storytelling, interaction and observation; presentation and discussion of the results of screening, measuring and interviewing with various observations and applications

DKT 114 – Individuals with Special Needs (3 ECTS)

Definitions and terminology related to being special needs; mainly special needs groups: individuals with mental retardation, individuals with pervasive developmental disabilities, hearing loss individuals, visually impaired individuals, individuals with language and speech disorders, gifted individuals, students with learning disabilities, individuals with emotional-behavioral problems; educational initiatives applied to special needs individuals; special education; cohesion and support special education services; special education during early childhood and pre-school periods; special education in Turkey; in the world and in Turkey; social state and disability; public policies towards the disabled: past, present; the quality and quantity of disabled population in Turkey; the situation of the disabled in social life; the status of the disabled in working life; seeking policy and education for disabled people.

III. SEMESTER

DKT 201 – Applied Behavior Analysis (4 ECTS)

Behavioral approach; applied behavior analysis; basic concepts in applied behavior analysis; reactive and operant conditioning; identification and identification of target behaviors; measuring target behaviors; anecdote and Applied Behavioral Checklist (ABC) recording; permanent product registration; event recording and controlled event recording; checklists; time recording and standby time recording; the interobserver reliability in these types of records; time interval recording; recording with instantaneous sampling; the interobserver reliability in these types of records; processing the data on the recorded behaviors in graphs; interpretation of graphics; improve appropriate behavior; symbol reinforcement; stimulus control; pre-behavioral stimuli; generalization of stimuli; reducing inappropriate behavior; ethical problems in reducing behavior; presentation and discussion of prepared behavior modification plans.

DKT 203 – Ear Nose Throat Diseases and Oral Face Anamolies (3 ECTS)

Ear evaluation methods: otoscopy; microscopy; ex-ante evaluation; imaging; clinical features of external and middle ear diseases; diagnosis and treatment methods; clinical features of inner ear diseases; diagnosis and treatment methods; clinical features of cochlea ovestibular diseases; diagnosis and treatment methods; clinical features of central auditory system diseases; diagnosis and treatment methods; simple anatomy and physiology of the nose, nasal sinuses and face; evaluation methods; mouth and pharynx, simple anatomy and physiology; evaluation methods; disease and treatment methods; simple anatomy-physiology of larynx; evaluation methods; diseases and treatment methods; neck: simple anatomy-physiology, including the thyroid gland; evaluation;

disease diagnosis and treatment methods; salivary glands: simple anatomy-physiology, disease, diagnosis and treatment.

DKT 205 – Basic Audiology I (3 ECTS)

Hearing and balance anatomy and physiology; hearing assessment; pure audio audiometer; acoustic immunity; hearing loss; hearing screenings; auto acoustic emissions; auditory potentials; auditory neuropathy spectrum impairment; pediatric audiology and evaluation; geriatric audiology and evaluation; dizziness and evaluation; tinnitus and evaluation; central auditory processing and specific language impairment.

DKT 207– Pharmacology for Language and Speech Therapists (2 ECTS)

General definitions and concepts related to drugs; drug administration routes; pharmacokinetics; pharmacodynamics; factors that alter the effects of drugs; drug interactions; drugs related to the peripheral nervous system; central nervous system related drugs; respiratory system related drugs.

DKT 209 – Speech Science: Acoustics of Speech and Hearing and Perception (2 ECTS)

What is the knowledge of hearing and speech? The key to language and speech therapists; respiration: types of respiration and sentence; phonation; resonance; phonetics; acoustical properties of speech sounds: consonants; acoustical properties of speech voices; physiological measurements of speech sounds; hearing and perception; perception of speech sounds: acoustic cues in consonants; perception of speech voices: acoustical tips in fame.

DKT 211 – Basic Principles of Rehabilitation (2 ECTS)

What is rehabilitation?; What is habilitation?; What is therapy?; What is the treatment?; Concepts of disability/disability/disability according to WHO definitions; introduction of the basic principles of the rehabilitation concept in relation to other relevant fields of expertise and accordingly the introduction of institutions related to language and speech rehabilitation and institutional visits..

DKT 213 – Clinical Observation of Language and Speech Disorders II (2 ECTS)

Evaluation in speech and speech therapy: psychometric measurement, definitions; basic screening, measurement and interview techniques in language and speech therapy; the importance, principles and practice of screening, measuring and interviewing techniques used in different disciplines; formal and informal assessment, natural data collection and analysis; interpretation and reporting of information obtained by different screening, measurement and interview techniques applied to individuals with different language and speech problems; language and speech tests; storytelling, interaction and observation; presentation and discussion of the results of screening, measuring and interviewing with various observations and applications

DKT 215 – Kinesiology (3 ECTS)

Basic elements of the anatomy; respiratory anatomy; respiration physiology; funding anatomy; physiology of phonation; articulation and resonance anatomy; articulation and resonance physiology; chewing and swallowing anatomy; physiology of chewing and swallowing; hearing anatomy; hearing physiology.

DKT 217 – Specific Learning Impairment (3 ECTS)

Specific learning disorders: definitions and concepts, subgroups and their properties; definitions of dyslexia and dysgraphia; language skills and development processes of upper language skills; the

development of reading and writing; developmental and acquired dyslexia, dysgraphia and dicalkuli; theories and approaches in dyslexia and dysgraphia; dyslexia, dysgraphy and dicarkulide evaluation and differential diagnosis methods; therapy approaches; development of therapy tools; case studies and applied studies.

IV. SEMESTER

DKT 202 – Childhood Language, Speech and Voice Disorders (3 ECTS)

Language, speech and voice disorders in school age; assessment and diagnostic scales; evaluation of school language, speech and voice disorders; different approaches in school language, speech and voice therapy, therapist-based therapy approaches; family-centered venture approaches; student-centered therapy approaches; management of team work in educational settings; therapist-student-teacher-family cooperation in the management of language, speech and voice disorders in school age.

DKT 204 – Introduction to Cognitive Neuroscience (3 ECTS)

Neuroscience and cognitive neuroscience: discipline field, historical development, relation with other disciplines; the organization of the nervous system, the relationships between brain mechanisms and psychological and cognitive functions; space, attention, perception, memory, emotion, language, complex visual perception, reasoning and abstraction, mathematics, planning and sequencing, structuring, praxis, face recognition and object recognition and executive functions; cognitive development and metacognition; damages caused by impairment of the nervous system; Introduction of brain imaging methods and techniques (PET, fMRI, SPECT etc.); radiological examinations; cognitive neurodiagnostic case studies in language disorders.

DKT 206 - Clinical Phonology (3 ETCS)

Clinical phonology: definitions and concepts; the importance of phonology in speech and speech therapy; phonology theories and their application in clinical practice; theory of differential properties; natural sound theory; language universals; new theories; use of phonological processes in clinical evaluation; phonological analysis methods; phonological development in children with normal and various inadequacies; phonological disorders: definition and classification; phonological data collection from children: voice and vocal repertoire; phonological process analysis; applied studies.

DKT 208 – Computerized Speech Laboratory (4 ETCS)

Examples of hardware and software used in speech and voice analysis, speech analysis, analysis of voice, examination and measurement of acoustic components of speech, research and clinical use of computerized speech laboratory.

DKT 210 – Neurolinguistics (3 ETCS)

What is neuro-linguistics? What is the relationship with language and speech therapy?; Brain, brain lobes and functions, the centers of receiving, perceiving, analyzing, understanding and producing the brain, process of information processing; memory, and other executive functions-continue; introduction to acquired language disorders: aphasia; linguistic loss of aphasia; cognitive communicative disorder: TBI (introductory); executive functions and evaluation; executive functions

and student presentations; locations of reading and writing in the brain and the realization of the process

DKT 212 – Basic Audiology II (3 ETCS)

Hearing and balance anatomy and physiology; hearing assessment; pure audio audiometer; acoustic immunity; hearing loss; hearing screenings; auto acoustic emissions; auditory potentials; auditory neuropathy spectrum impairment; pediatric audiology and evaluation; geriatric audiology and evaluation; dizziness and evaluation; tinnitus and evaluation; central auditory processing and specific language impairment.

DKT 214 - Clinical Linguistics (2 ETCS)

Clinical linguistics: definition, linguistics and language-speech therapy relationship; contribution of linguistics to the field of language disorders; linguistic approach to language and speech disorders.

V. SEMESTER

DKT 301 – Acquired Neurogenic Language Disorders (3 ETCS)

Understanding the functioning of the treatment unit concerned; theoretical and practical review of acquired aphasia information; assessment of the case; establishment of an Individualized Therapy Plan (ITP); aphasia therapy; evaluation of the case after therapy; reporting of the therapy process; practice with different cases specific to the treatment unit.

DKT 303 – Fluency Disorders (3 ETCS)

Definition of fluency in speech and fluency in speech; causes of fluency problems in speech; types of fluency problems in speech; evaluation of fluency problems in speech during early childhood, childhood and adulthood; stuttering; the biological and physiological basis of the stamina; stuttering theories; jabber; developmental stuttering; acquired stuttering; early stuttering.

DKT 305 – Speech Sounds Disorders (3 ETCS)

Speech speech disorders: definitions and terms; articulation (phonetics) and phonology relation; biological and neurological components necessary for speech speech production; Classification of speaking voice disorders; characteristic features and etiology of speech speech disorders; the effects of speaking voice disorders on academic and social life; evaluation of speaking voice disorders; therapy approaches in speaking voice disorders; case application for assessment and therapy plan.

DKT 307 – Voices Disorders (3 ETCS)

Examination of normal anatomy and physiology of sound production mechanism; Acoustic, perceptual and instrumental measurements used in the evaluation of sound disorders; the causes of voice disorders and functional, neurological and organic voice disorders.

DKT 309 – Swallowing Disorders (3 ETCS)

Dysphagia: swallowing anatomy, structures and functioning; neuroanatomy of normal swallowing, physiology; classification of swallowing disorders: neurogenic, mechanical, structural swallowing disorders; reasons.

DKT 311 – Motor Speech Disorders: Dysarthria and Apraxia (3 ETCS)

Motor speech disorders, definition, classification, types, reasons; acquired dysarthria and apraxia, developmental dyspraxia; lower and upper motor neuron disorders; pyramidal, extrapyramidal, cerebellar system disorders; problems with talking engine programming; dysarthria and apraxia evaluation and therapy methods; cerebral palsy: evaluation, differential diagnosis and therapy methods, practice studies.

DKT 313 – Basic Orthodontics and Prosthetics (3 ETCS)

Orthodontic development during growth; developmental periods; basic concepts; orthodontic interventions in the palate; orthodontic diagnosis and evaluation; prostheses, types; dentition; team approach to intervention; orthodontic intervention in early infancy; orthodontic problems and interventions in children with craniofacial anomaly; speech equipments and their application methods; family education.

VI. SEMESTER

DKT 302 – Neurogenic Acquired Language Disorders: Assessment and Therapy (4 ETCS)

Understanding the functioning of the treatment unit concerned; theoretical and practical review of acquired aphasia information; assessment of the case; establishment of an Individualized Therapy Plan (ITP); aphasia therapy; evaluation of the case after therapy; reporting of the therapy process; practice with different cases specific to the treatment unit.

DKT 304 – Fluency Disorders: Assessment and Therapy (4 ETCS)

Therapeutic approaches in fluency disorders; shaping of fluency; smoother stuttering; individual therapies; group therapies; valsalva therapy; music therapy; cognitive therapy; preschool therapy approaches; school-age therapy approaches; adult therapist approaches.

DKT 306 – Voices Disorders: Assessment and Therapy (4 ETCS)

Assessment of early childhood and adulthood disorders: history taking, perceptual assessment and analysis, instrumental measurements; interpretation and reporting; therapist and otorhinolaryngologist and business associations with different disciplines; prevention of voice disorders; therapy approaches in voice disorders: sound hygiene and protection techniques, vocal function exercises, accent therapy, various techniques; laryngectomy; applied studies with case studies.

DKT 308 – Language and Speech Therapy in Cleft Palate and Lip (3 ETCS)

Speech problems of children and adult cleft lip and tongue problems; embryology, methods of evaluating cases before and after surgery and speech therapy initiatives; team approach to evaluation, role of speech and language expert in surgical initiatives; evaluation of speaking and programming of therapy approaches, development and applied researches.

DKT 310 – Alternative and Supportive Communication Systems and Technologies (2 ETCS)

Alternative and supportive tools and methods used to meet communication needs in language and speech problems: signs and other symbol systems; technology and contents of these methods, equipment and equipment, from the smallest hand-made vehicle to computer-aided speech producing tools, scope and features; application in language and speech laboratory.

DKT 312 – Swallowing Disorders: Assessment and Therapy (4 ETCS)

Diagnosis and evaluation processes of eating, feeding and swallowing disorders in infants, children and adults; therapy methods and applications in swallowing disorders; radiological imaging, bedside evaluation; videofluoroscopic evaluation; fiberoendoscopic evaluation and therapy methods; practical work with cases.

DKT 314 – Specific Language Impairment (3 ETCS)

Definition and identification of specific language disorders; developmental language and language disorders; therapy of specific language impairment; literature studies on therapy outcomes.

VII. SEMESTER

ATA 411 – Atatürk's Principles and Revolution I (2 ETCS)

This is followed by students, Kuva-yi Milliye and Facades (Adana, Antep, Maras, Urfa), the establishment of the Regular Army and the Western Front, the wars that changed the history of Turkey, the abolition of the Sultanate, the establishment of the Republic of Turkey, Establishment of Turkish History Institution and Turkish Language Institution and Atatürk Principles.

TURK 411 – Turkish Language I (2 ETCS)

To show the features of Turkish language, to show the rules of operation, To develop students' vocabulary through written and oral texts; To obey the rules of spelling, to give students the habit of using punctuation marks locally; To give students the habit of reading books; To provide students with scientific, critical, inquisitive, interpreting, creative and constructive thinking habits.

DKT 401 – Play and Activities in Language and Speech Therapy (3 ETCS)

Definition of play; place of play in human life and its importance; concept of game therapy and theoretical approaches; non-oriented game therapy, child-centered game therapy, cognitive behavioral game therapy; use of game therapy and speech therapy in language and speech therapy; games and phases according to developmental periods; relationship with child, observation, reflection, creativity; game and activity based intervention applications.

DKT 403 – Presentations on Current Topics in Language and Speech Therapy and Report Writing (3 ETCS)

Current topics and events related to speech voice disorders; current issues and events related to acquired language disorders; current issues and events related to developmental language; current issues and phenomena related to voice disorders; current issues and events related to swallowing disorders; up-to-date information and facts about audio-visual disorders; syndromic events and current topics; special needs cases and current issues; basic report writing techniques and report writing applications.

DKT 405 – Developing Therapy Program, Material and Product (3 ETCS)

First interview in language and speech therapy; developing a therapy plan in language and speech therapy; evaluation of speech voice disorders and development of a therapy plan; evaluation of pre-school childhood language disorders and development of a therapy plan; evaluation of language, speech and communication skills in autism spectrum disorders; language evaluation and development of a therapy plan in school children; development of aphasia evaluation and therapy

plan; evaluation of voice disorders and development of a therapy plan; evaluation of fluency disorders and development of a therapy plan; evaluation of swallowing disorders and development of a therapy plan; psychometric measurement and evaluation; evaluation of the oral-peripheral speech mechanism and development of a therapy plan.

DKT 407 – Electrophysiology and Electrotherapy Techniques in Language and Speech Therapy (3 ETCS)

Medulla spinalis functions; structure and function of cell membrane, transition from cell membrane, osmosis and diffusion; action potential and ion channels; smooth muscle physiology; striated muscle physiology; neuromuscular junction and muscle motor unit features; somatic senses: pain and heat; somatic senses: touch; central nervous system physiology; physiology of respiratory and digestive system; agonist and antagonist working facial muscles; agonist and antagonist running head and neck muscles; TENS, NMES, EEG, EMG. Reflexology, sensory integration, etc. studies.

DKT 409 – Basic Imaging and Analysis Methods (3 ETCS)

Basic concepts in medical imaging; classification of medical images; Computerized Tomography (CT); Magnetic Resonance Imaging (MRI); ultrasound imaging; nuclear imaging (PET, SPECT); image quality problems and problems in medical imaging; analysis of medical images; compression of medical images; three - dimensional image processing.

DKT 411– Language and Speech Disorders Internship (4 ETCS)

Understanding the functioning of the treatment unit concerned; theoretical and practical observation of information obtained from speech disorders, fluency disorders, delayed speech, selective mutism, phonological disorders; evaluation of cases; establishment of an Individualized Therapy Plan (ITP); language and speech therapy; evaluation of the case after therapy; reporting of the therapy process; practice with different cases specific to the treatment unit.

VIII. SEMESTER

ATA 421 – Atatürk's Principles and Revolution II (2 ETCS)

This is followed by students, Kuva-yi Milliye and Facades (Adana, Antep, Maras, Urfa), the establishment of the Regular Army and the Western Front, the wars that changed the history of Turkey, the abolition of the Sultanate, the establishment of the Republic of Turkey, Establishment of Turkish History Institution and Turkish Language Institution and Atatürk Principles.

TURK 421 – Turkish Language II (2 ETCS)

To be able to identify the elements of the cümle and their importance in order to make good, good and good sentences; to be able to read and examine works related to the world of literature and thought and to apply rhetoric; to know the written composition types and to make applications about them; to be aware of language mistakes and to be able to correct them, to know the rules to be followed in the preparation of scientific writings and to apply them. To be able to improve the ability of the student to speak and write well, based on selected texts from Turkish and world literatures and thought history.

DKT 402 – Counseling and With Family Working in Language and speech Therapy (3 ETCS)

Prevention of language and speech disorders; counseling concepts and terms; counseling models; consulting skills; personal characteristics of consultants; technical specifications of consultants; family counseling; effective interview techniques; counseling the child; counseling for teachers family concept; terminological clarification on the concept of inadequacy; language and speech disorders or participation of the disabled person in the family; the reaction of the individual to the participation of the individual with language and speech impairment; models that describe the barrier adaptation process: stage model, continuous sadness model, helplessness nonsense-weakness model; adaptation of the chaos theory to the adaptation process; psychological dynamics in adjustment; the effect of sleeping on the cultural structure; work with disabled children's families; the situation of children with disabilities in Turkey; language and speech therapy and learning process.

DKT 404 – Music Applications in Language and Speech Therapy (4 ETCS)

What is music? Sound and sound; rhythm, solfege, bow, stroke, porte, note, keys, note values, extension signs, breathing; dimension concept and dimension lines; accents and ornaments; audio sequences, octave, gamut; major and minor sequences; listening; say; stealing; musical perception and information; music culture; behaviors related to artistic dimension and articulation of compositions composed for singing education; purpose, principles and methods of singing education; singing education; differences between singing education and singing education; using the right breath; formation of the voice in the right place (conformity to the anatomical structure); correct use of the language; voice education, singing education and singing education are related to each other.

DKT 406 – Language and Speech Disorders Intership in Special Needs Individualis (3 ETCS)

Language acquisition and language features in children with mental and multiple disabilities; language and cognition development; karyotype and behavioral differences; autism, down syndrome, williams syndrome, hydrocephalus; theoretical approaches in language acquisition; evaluation methods and differential diagnosis; therapy in children with autism, mental and multiple disabilities; case studies and applied studies and advanced therapy applications.

DKT 408 – Voice and Swallowing Disorders Intership (3 ETCS)

Understanding the functioning of the treatment unit concerned; theoretical and practical review of information obtained about sound and swallowing disorders; evaluation of cases; establishment of an Individualized Therapy Plan (ITP); voice therapy application; swallowing therapy; assessment of cases after therapy; reporting of the therapy process; practice with different cases specific to the treatment unit.

DKT 410 – Auditory Rehabilitation Intership (3 ETCS)

Understanding the functioning of the treatment unit concerned; theoretical and practical review of the information obtained about auditory rehabilitation; assessment of the case; establishment of an Individualized Therapy Plan (ITP); implementation of auditory rehabilitation; evaluation of the case after therapy; reporting of the therapy process; Practice with different cases specific to the treatment unit.

DKT 412 – Cleft Palate Lip and Mouth Facial Anomalies Intership (3 ETCS)

Understanding the functioning of the treatment unit concerned; theoretical and practical observation of the information obtained about the lip and palate; assessment of the case; establishment of an Individualized Therapy Plan (ITP); application of therapy; evaluation of the case

after therapy; reporting of the therapy process; practice with different cases specific to the treatment unit.

SUMMER INTERSHIP

Summer Intership I (20 ETCS)

Evaluation and therapy methods in language and speech therapy are practiced in practice; language and speech disorders, and check lists for therapeutic use; evaluation tools; test kits; development of therapy tools; implementation; reporting; evaluation; not developing therapy tools; use of technology in therapy and reporting.

Observing the basic knowledge and skills acquired in the field of language and speech disorders in clinical practice; observing private or public education and rehabilitation institutions; using the knowledge and skills of language and speech disorders specialists; obtaining information about practices in different institutions and different groups of patients; follow a certain number of patients; reporting and filing the information of the patients followed.

Summer Intership II (20 ETCS)

Evaluation and therapy methods in language and speech therapy are practiced in practice; check lists for evaluation and therapy in language and speech disorders; evaluation tools; test kits; the development and use of therapy tools; utilization of technology; determine, implement and, if necessary, change the appropriate therapy method; (articulation disorder, phonological disorder, developmental language, acquired language impairment, motor speech impairment, voice impairment, and impaired swallowing) in each of the different clinical areas; write a case report, record progress, terminate.

ELECTIVE COURSES

Preparation English I (6 ECTS)

This course is a learner-centred, integrated-skills based course that will develop students in the four skills (reading, writing, listening and speaking) in an academic context.

Preparation English II (6 ECTS)

This course is a learner-centred, integrated-skills based course that will develop students in the four skills (reading, writing, listening and speaking) in an academic context.

Professional English I (5 ECTS)

Learning the English Language Provisions of Vocational Terminology Terms; Article Reading; Making Work in Abstract Submission Subjects and Learning Professional Professional Terms.

Professional English II (5 ECTS)

Learning the English Language Provisions of Vocational Terminology Terms; Article Reading; Making Work in Abstract Submission Subjects and Learning Professional Professional Terms.

Professional English III (5 ECTS)

Learning the English Language Provisions of Vocational Terminology Terms; Article Reading; Making Work in Abstract Submission Subjects and Learning Professional Professional Terms.

Professional English IV (5 ECTS)

Learning the English Language Provisions of Vocational Terminology Terms; Article Reading; Making Work in Abstract Submission Subjects and Learning Professional Professional Terms.

Professional English V (4 ECTS)

Learning the English Language Provisions of Vocational Terminology Terms; Article Reading; Making Work in Abstract Submission Subjects and Learning Professional Professional Terms.

Professional English VI (4 ECTS)

Learning the English Language Provisions of Vocational Terminology Terms; Article Reading; Making Work in Abstract Submission Subjects and Learning Professional Professional Terms.

Health Occupation Ethics

Introduction to microbiology, structure, physiology and genetics of bacteria, antibiotics and resistance mechanisms, Introduction to immunology, basic immunological response mechanisms, serological tests, analysis methods of fungi, protozoa, helminth and viruses.

Social Life Skills

To establish compatible relations; improve communication skills; stress management and balance; personal evolution; career management; motivation and time management; creativity for artists, writers, musicians and actors; develop a healthy lifestyle.

Stress Management (3 ECTS)

What is stress?; the causes of stress; positive stress; Is stress contagious?; stress response; effects of stress; the effect of stress on performance; stress in everyday life; stress in business life; reducing the effects of stress; ways of coping with stress; ways of coping with stress; general evaluation.

Use of Basic Information and Communication Technologies (3 ECTS)

Internet infrastructure, communication between computers, basic concepts; Internet usage, basic concepts, www, browsers, search engines, e-mail and others.

Effective Speech and Diction (3 ECTS)

Introducing breath, sound, and condensation devices; exercises for associating breath, sound, and concussion devices; Turkish speaking language rules; Turkish speaking rules; Differences in Turkish spoken language and writing language; Differences in Turkish speaking and writing languages; Differences in Turkish spoken language and writing language; exercises on the association of breath, voice, sounding devices and speech rules on various texts; exercises on the association of breath, voice, sounding devices and speech rules on various texts.

Child Development and Psychology (3 ECTS)

General Child development: physical development, definition, importance and concepts, physical characteristics of developmental periods; sister jealousy; childhood fears; anxiety disorder in child; eating disorder; sleep problems; unable to work efficiently; lack of attention; impaired concentration; hyperactivity; divorce and children; game and toy selection.

Introduction to Gerontology and Geriatrics (3 ECTS)

Overview of gerontology-geriatrics science; prevention of geriatrics in language and speech therapy; the role and responsibilities of the therapist; demographic and epidemiological characteristics of aging; biological processes: physical, cognitive, nutritional, psychosocial changes; coping with aging; health education and counseling; psychosocial geriatrics: dependency and independence, care, legal arrangements and related public institutions, relevant civil society organizations; geriatric rehabilitation: rehabilitation principles, medical and social rehabilitation; clinical geriatrics: how the elderly differ, gastrointestinal and respiratory disorders, cardiovascular diseases; MSS and neuropsychiatric disorders such as alzheimer, dementia and parkinson; musculoskeletal and sensory disorders, oncological problems, poisonings, accidents.

First Aid (3 ECTS)

Basic practices of first aid; first and second evaluation; basic life support in adults; basic life support in children and infants; first aid in respiratory tract obstruction; external and internal bleeds; wound and wound types; first aid in regional injuries, head and spine fractures; upper extremity fracture, first aid in dislocation and sprain; hip and lower extremity fracture, first aid in dislocation and sprain; first aid in diseases requiring urgent care.

Sexual Health (3 ECTS)

Sexual health information education, sexuality in society, value creation, sexual identity development, somatic changes in adolescence, psychological changes in adolescence, reproductive health, decision making process and safe behavior, adolescents harmful habits, admission centers, happy and safe sexuality, AIDS, rights, sexuality and violence, sexual health education practices.

Introduction to Social Anthropology (3 ECTS)

Introduction to the concept of "culture"; basic concepts of anthropology and the concept of "culture"; the history and development of social and cultural anthropology-i: period of colonialism, exploration literature and "table head" anthropologists; history and development of social and cultural anthropology-ii: social evolutionist approach, criticism and historical ritualism approach; social and cultural anthropology method: participation observation technique, relationship between subjects and ethics; culture and ecology relation; culture and production forms; culture and economy context; gender and marriage; family, relation and ancestry systems; social organization; religion anthropology; cultural change, globalization and anthropology; globalization and applied anthropology.

General Operating (3 ECTS)

Introduction to business administration, business organization and its types, manager and leadership, production and marketing, entrepreneurship, chaos management in enterprises, branding and human resources in businesses.

Occupational Health and Safety (3 ECTS)

Concept of occupational health and safety, holistic approach to occupational health and safety; a culture of risk prevention at work; the importance of safety culture and its place in everyday life; ensuring the creation and continuity of safety culture; basic principles of occupational health and safety; place of business health and safety in business management, healthy and safe life.

Sign Language (3 ECTS)

To learn the sign language used by hearing impaired individuals and to teach and to use this language when needed in social life. What are the general characteristics of the Turkish sign language? Turkish sign language alphabet; family and surroundings, body, health; verbs, adjectives; meaningful semantics, numbers-mathematical signs and measures; emotions, time and slices; vehicles and traffic, colors; school and education, heating tools and fires; food and beverages, food and beverages; home and home furnishings, occupations, music and musical instruments; hand tools and machineries, plants and animals; sports and sports clubs. weather and geographical terms; nouns, idioms; the citizens of Turkey and the countries.

Health Profession Ethics (3 ECTS)

History of ethics and basic concepts; definition and areas of ethics; ethical principles; philosophy and ethics, press and ethics; health legislation; responsibilities of healthcare facilities and healthcare personnel; health related international notices; health record keeping and prevention; patient and employee rights and security; crisis management; examples of ethical problems and solved cases in the field of health; health policies; health culture; communication skills

Sportsman Health (3 ECTS)

Children and sports; the necessity of physical education in children; physical fitness in children; EuroFit tests; exercise in children; muscle strength; fat tissue; nervous system; physical performance; cardiopulmonary functions; aerobic capacity; anaerobic capacity; exercise in children.

Communication in Health (3 ECTS)

Introduction to communication; items of communication; contact terms; communication handicaps; health communication; target audience in health communication; communication levels in health services; theory of health behavior; active communication process between health personnel and patients; decision making models; interview techniques; patient teams and approach forms; body language.

General Nutrition (3 ECTS)

Basic concepts of nutrition; basic food items; adequate and balanced nutrition; methods of storing food; the body's benefits to the food groups; food items to be taken in special cases; nutrition programs in special diseases; comprehend the importance of nutrition education, nutrition education.

Sociology (3 ECTS)

The subject and method of sociology; history of sociology; basic concepts of sociology; sociology is related to other social sciences; the role of sociologists in society; advancement and development of sociological view; objectivity is the problem; founders of modern sociology; basic sociological concepts and discussions.

Psychology (3 ECTS)

To create an understanding of what psychology is, basic subjects, concepts, areas of interest, and to create familiarity with the topics to be examined in more detail in the following years. For these purposes, the historical development of psychology, research methods, sensation and perception,

learning, memory, motivation, development, personality theories and psychopathology will be covered.

Manifest of İstinye (1 ECTS)