

ÜSKÜDAR UNIVERSITY ORAL AND DENTAL HEALTH PROGRAM
2024-2025 COURSE CONTENTS

Lessons

1. SEMESTER COURSE PLAN

MYO003 Medical Terminology (2 + 0), 2, ECTS:2

Introduction, basic definitions and concepts, pronunciation of terms, elements that make up medical terms, roots, preliminary suffixes, suffixes, frequently used synonyms, types of terms, diagnostic terms, motion system related terms, blood structure and terms related to the cardiovascular system, terms related to the respiratory system, terms related to digestive system, terms related to urogenital system, obstetrics and gynecology, Medical terms used in endocrine system and psychiatry, related to nervous system and sensory organs terms constitute the general content of the course.

MIK101 Basic Microbiology (2 + 0), 2, ECTS:2

History, development and basic concepts of microbiology; Working rules to be applied in the laboratory; General Tools-Devices and Microscopes Used in Microbiology; microorganisms classification and general characteristics; The structure, reproductive characteristics, metabolism of bacteria; bacteria genetics and antimicrobial agents: ways of infection and transmission, sterilization and disinfection; Environments where microorganisms are produced, Paints and dyeing methods; Staphylococcus, streptococcus, general information about pneumococci and bacilli, fungi; General information about viruses, some important viruses diseases; Normal flora and sampling techniques; Introduction to Immunology, antigen-antibody reactions; Microbiological diagnostic methods, infectious diseases, may prevent these diseases microorganisms and ways of protection from these microorganisms, sterilization and disinfection General information about the methods will be given.

ADS117 Mouth and Teeth Anatomy (2 + 0), 2, ECTS:5

What is introduction to anatomy, maxilla (upper jaw), mandible (lower jaw). The anatomical structure of the teeth, the teeth what are their surfaces, functions. Various features of the teeth, permanent teeth and milk teeth. Functions of teeth, surfaces what. What is occlusion. What are Labial, Buccal, Vestibular faces. Mid-axis and mouth diagrams. Chrome length, what is root length, tooth length. (SDI) How is the systematic tooth scheme.

ADS115 Substances and Tool Information I (2 + 0), 2, ECTS:5

The definition and parts of the unit used in dentistry patient treatment are applied and theoretically. Explanation. Defining dentistry service areas and explaining their contents. Conservative tooth Tools,

materials (fillers) used in the treatment and applications. Orthodontics Tools and applications used in the section. Tools used in pedodontics section and applications. Information about oral and dental health.

FAR103 Basic Pharmacology (2 + 0), 2, ECTS:3

Acquisition, use, side effects of drugs that have an important role in the treatment of diseases, poisoning conditions, effects on the body, changes in the body, medications used and when not in use.

RKUL103 University Culture (0 + 2), 1, ECTS: 4

Each semester, academic units, student council and student clubs suggestions Seminars, conferences, panels to be held for 14 weeks within the framework of a program consisting of Includes workshops and utterances.

ATA103 Atatürk's Principles and Revolution History I (2 + 0), 2, ECTS:2

Weekly Lesson Plan 1. Week Define concepts, lesson methods and definition of resources 2. Week Industry Revolution and French Revolution 3. Week Distribution of the Ottoman Empire (XIX. Century) 4. Week Tanzimat and Reform Edict, I. and II. Constitutional Monarchy, Week 5 I. World, Tripoli and Balkan Wars Week 6 Mondros Armistice Treaty, Wilson Principles, Paris Conference 7. Week M. Kemal's Arrival in Samsun and Situation in Anatolia 8. Week Amasya Circular, National Congresses, Opening of Mebusan Assembly 9. Week Establishment of the Turkish Grand National Assembly and Internal Revolts 10th Week The Organization of Regular Law, The Establishment of the Regular Army 11th Week I. II. 12th Week Salvation with İnönü, Kütahya-Eskişehir and Sakarya Square Battles Treaties during the war 13th week Lausanne Peace Agreement 14th week the abolition of the Sultanate.

TURK103 Turkish Language I (2 + 0), 2, ECTS:2

Language awareness, reading style and habit, correct use of basic spelling and punctuation rules, more a wide vocabulary.

INGU103 English-I (3 + 0), 3, ECTS :2

This course is designed for learners who are new to English and aims to improve their basic language skills. It helps learners acquire listening, reading and writing skills through different teaching techniques and practice exercises. Learners learn basic grammatical patterns and vocabulary using dialogs and texts used in real-life situations. At the end of this course, learners are prepared to progress from English beginner to intermediate-beginner level.

ADS211 Sign Language I (0 + 2), 1, ECTS:3

Definition of Turkish Sign Language (TID), Hand and finger shapes, position of hands relative to the body, facial expressions function, Single and double hand use, the relationship of signs with Turkish, Sign meaning, original expression form, hand-body harmony, facial expression-message harmony, greeting, state-remembering, hearing using TID communicating with the disabled individual, conveying feelings and thoughts, Exercise: Music study with sign language.

2. SEMESTER COURSE PLAN**ADS120 Archive and Documentation (2 + 0), 2, ECTS:4**

General information about the importance, principles, stages, tools and equipment of filing and archiving to give students the ability to prepare systematic files / archives.

ADS104 Materials and Tool Information II (2 + 0), 2, ECTS:5

Tools used in periodontology and applications. Tools used in prosthetic dental treatment, materials (impression materials, cements ..) and applications. Tools used in endodontics, materials (canal pastes, fillers ..) and applications. Used in surgical procedurestools and applications. Local anesthetic agents. Instruments used for oral diagnosis recognition. Tools used in implant applications. Occupational health and safety in dentistry clinics.

ADS102 Introduction to Clinic and Doctor's Office Management (2 + 2), 3, ECTS:5

Within the scope of this course, Oral Diagnosis and Radiology, Dental Diseases and Treatment, Orthodontics, Prosthetic Teeth Information is given about the methods applied for diagnosis and treatment in the Treatment, Oral, Dental and Maxillofacial Surgery clinics. In addition, information about administrative affairs, participation in management, treatment and financial records of patients, appointments, communications-correspondence, fees, invoices. Increasing work efficiency, capacity and ergonomic rules. Arranging the working area (Preparation of the treatment room, placing the patient).

RKUL104 University Culture (0 + 2), 1, ECTS:4

Each semester, academic units, student council and student clubs suggestions Seminars, conferences, panels to be held for 14 weeks within the framework of a program consisting of Includes workshops and utterances.

RPSI209 Positive Psychology and Communication Skills (ÜZSEÇ) (2 + 0), 2, ECTS:3

1-Definition of positive psychology, basic concepts, theoretical foundations and applications 2- Emotional experience and examining brain behavior systems of behavior 3-knowing yourself and others 4-psychosocial life skills and problem solving skills 5-motivation and planning 6-anger, aggression, violence 7-relationship management, healthy decision making 8- persistence and compromise.

ATA104 Atatürk's Principles and History of Turkish Revolution II (2 + 0), 2, ECTS:2

Political Revolutions: Abolition of the Sultanate, Declaration of the Republic, Abolition of the Caliphate Constitutional Movements Transitions to Multiparty Life Revolutions in the Field of Law and New Legal Order Education and Revolutions in the Field of Culture Revolutions in the Social Field Revolutions in the Economic Field Atatürk's Turkish Foreign Policy (1923-1938) Atatürk's Principles: Republicanism, Nationalism, Populism, Etatism, Secularism, Revolutionism Complementary Principles After Atatürk Turkey (internal and external political developments)

TURK104 Turkish Language II (2 + 0), 2, ECTS:2

Words and their meaning, words in terms of their meanings, real, side and metaphor meanings of words, idioms, dilemmas, terms, language mistakes, sentence structure of Turkish, sentence elements, sentence analysis, novel, types of written expression such as articles, essays, poems, presentations, reports and minutes, petitions, business letters and CV writing, conversation and discussion.

INGU104 English-II (2 + 0), 2, ECTS:2

Markers; Pre-Prepositions: Location, Time, Movement; Singular and Plural Names: Countable and uncountable names; Times: Wide time, Present time, Past time structures; Modes: Will, Should, Shouldn't, Must, Mustn't, Can; Comparative Structures; Fairings: Personal titles, Possessive titles; Adjectives; Positive sentence, Negative sentence and question sentences; Conjunctions: And, But, While-While, Because.

ADS212 Sign Language II Sign Language I (0 + 2), 1, ECTS:3

Definition of Turkish Sign Language (TİD), Hand and finger shapes, position of hands relative to the body, facial expressions function, Single and double hand use, the relationship of signs with Turkish, Sign meaning, original expression form, hand-body harmony, facial expression-message harmony, greeting, state-remembering, hearing using TİD communicating with the disabled individual, conveying feelings and thoughts, Exercise: Music study with sign language.

3. SEMESTER COURSE PLAN

ADS215 Ergonomy (2 + 0), 2, ECTS: 3

Definition and history of ergonomics. Ergonomic principles in dentistry. Duties and responsibilities of the dentist assistant. Anthropometric measurements. Ergonomics and neutral posture principles in dentistry aid. Examination of the distribution of infection control according to clinics in dentistry. Occupational diseases in dentistry staff. Four-hand dentistry. Methods of exposure and prevention of infection in dentistry. Ergonomic risk factors in dentistry. Back problems and prevention methods in healthcare professionals. Eye-related problems in dentistry staff.

ADS217 Oral and Dental Health Technian (2 + 0), 2, ECTS: 7

Maintenance of tools and infection control. Patient safety in dentistry. Dental treatments of infection control during pregnancy. Prevention of exposure to infection, vaccination and measures to be taken afterwards. Instrument cleaning before sterilization in dentistry. Dentist assistant team work. Duties of the auxiliary staff. Sterilization and disinfection.

ADS219 Protective Dentistry (2 + 0), 2, ECTS: 7

What is preventive medicine and what are the applications in preventive medicine. Fissure sealants and have used it. Plate painting systems. Fluorine and application areas. Placeholder types and application reasons. The main objectives of orthodontics in a general dental practice. In a model different type of malocclusion. Anomalies and simple apparatus definition, the treatment goals and possibilities Explanation. Oral health rules, the importance of well-kept mouth. Prophylactic education of patients. Plaque Elimination, prophylactic therapy.

ADS227 Radiation Protection (2 + 0), 2, ECTS:7

The aim of this course is to provide a basic level of knowledge about radiation physics and protection. With radiation related basic concepts, general properties of radiation, physical and biological effects of radiation, The basic principles of radiation protection will be explained.

ADS 102 Infectious Diseases (2 + 0), 2, ECTS:3

Infection Formation, Infection Symptoms and Findings, Respiratory Diseases, Through Blood Transmitted Diseases, Fecal-Oral Transmitted Diseases, Hospital Infections, Intensive Care Unit Infections, Disinfection And Sterilization, Personal Protection Methods, Isolation Methods, Hospital Infection Control Committee use and preparation of solutions for disinfection. Ergonomics, the body's need for movement. Patient education.

4. SEMESTER COURSE PLAN

MET101 Professional Ethics (2 + 0), 2, ECTS:2

Professional ethics course explains the basic concepts of ethics, moral rules and values system. Identify the virtues, values, and ethical codes that a healthcare professional should have.

ILK101 First Aid (2 + 0), 2, ECTS: 3

General First Aid Information, Human Body, Patient / Wounded and Crime Scene Assessment, Basic Life Support, Respiratory Tract Obstructions, Bleeding and Shock, Injuries, Burns, Freezing, Heat Stroke, Consciousness Disorders (Loss of Consciousness, Remittance, Low Blood Sugar, Chest Disorders Pain), Poisoning, Animal Bites, Eye-Ear-Nose-Foreign Body Escape, Drowning, Fractures, Dislocations, Sprains, Transport Techniques.

ADS999 Summer Practice (0 + 20 working days), 0 ECTS:9

Includes 20 working days for students to carry out their professional practice.

AML221 Patient Safety (2+0), ECTS: 6

The concept of patient safety and its importance. Prevention of surgical errors. Prevention of surgical errors. Prevention of infection errors. Prevention of medication errors. Prevention of falls. Prevention of blood and blood transfusion lines. Prevention of infant/child abductions. Preventing serious injury and death due to restrictions. Prevention of suicides. Prevention of errors with the SBAR technique. Prevention of errors due to delay of treatments. Incident reporting in patient safety. Case study.

AML114 Sterilization Principles (2+0), ECTS: 5

Course Introduction. Historical Development of Sterilization, Disinfection and Antisepsis. Introduction to Sterilization, Disinfection and Antisepsis. Factors of Microorganism. General Concepts of Infectious Diseases. Transmission Routes of Infectious Diseases. Hospital Infections. Sterilization Methods. Disinfection Methods. Sterilization and Disinfection Rules and Control. Effect Mechanisms of Disinfectants and Antiseptics. Asepsis Techniques and Applications. Sterilizer Types. Central Sterilization Unit.

SAH101 Health Law (2+0), ECTS: 3

Introduction to Health Law. Basic Concepts and Institutions of Health Law. Patient Rights and Concepts. Physician Rights and Concepts. Privacy in Medical Interventions. Illumination and Consent. The Unlawfulness of Medical Intervention. Interventions Without Medical Indication. Relationship Between Hospital and Patient and Its Legal Qualification. Legal Nature of the Relationship Between Private

Hospitals and Patients. Legal Nature of the Relationship Between Public Hospitals and Patients.
Malpractice and Compensation Issues.

TLT109 Diseases Information (3+0), ECTS:3

Concepts of Health and Disease, Respiratory System Diseases, Digestive System Diseases, Nervous System Diseases, Circulatory System Diseases, Excretory System Diseases, Endocrine System Diseases, Blood System Diseases, Joint and Skin Diseases.

