

DENTAL PROSTHETICS TECHNOLOGY PROGRAM

2024/2025 COURSE CONTENTS

I. SEMESTER

DPT 103 TOOTH MORPHOLOGY THEORY+PRACTICE (2+4) ECTS: 7

Histological and morphological structure of primary and permanent teeth, examination of teeth and arches, terminologies related to teeth, codes used in the description of teeth, occlusal appearance of all jaw teeth.

DPT 121 ORAL AND JAW ANATOMY AND CHEWING PHYSIOLOGY (2+0) ECTS: 4

Some planes used in anatomy and Turkish meanings of some words, definition and sections of systemic anatomy, macroscopic and microscopic structure of bones, structure of teeth, functions and structure of oral mucosa, dry mouth, changes caused by dentures in oral mucosa. Measurement of chewing force, conservative treatment methods in TMJ disorders, complete dentures and chewing, condylar disc complex disorders, predisposing factors causing disc disorders, occlusion disorders

DPT123 MATERIALS AND TOOLS INFORMATION (2+0) ECTS:4

Importance and classification of materials used in dentistry. Properties of impression, plaster and alginate impression materials. Stretch properties in convertible impression materials. Properties of thermoplastic impression materials. Properties of base plate. Chewing and grinding materials. Porcelain and plastic teeth. What is examination set and unitrefoy.

RPSI209 POSITIVE PSYCHOLOGY AND COMMUNICATION SKILLS (2+0) ECTS: 3

Information input and output operations Simple comparison operations and application, Indexed variables and application,

Compound comparisons, Subprograms and functions, log types, structures and application, communication

recognition and types, communication elements, sender, receiver, message, channel listening and types, feedback

process, Definition and basic concepts of behavioral sciences, Biological basis of behavior, Lifelong

development of behavior, Society and social structure, Socialization, Social structure and social relations, Social institutions in the formation of

relationship systems, Social influence and compliance behavior, Psychology as a science,

Impulses and motives, Sensation and perception, Learning and motivation, Behavioral disorders, Patient behaviors that create difficulties in relationships.

RKUL 103 UNIVERSITY CULTURE (0+2), 1, ECTS:4

The student's realization of the privilege of being a "university student" throughout his/her university life enables him/her to understand that the university is not just a place of courses and professional acquisition, but that he/she should understand, interpret and be a participant and guide of what is happening in the world and in his/her surroundings rather than being a spectator of these events.

ATA 103 ATATURK'S PRINCIPLES AND HISTORY OF REVOLUTION I (2+0) ECTS:2

The Fall of the Ottoman Social and State Order and the Reform Movements Carried Out; The Disintegration of the Ottoman State and the Beginning of the National Struggle; Mustafa Kemal Pasha's Organization of the National Struggle in Anatolia; The Opening of the First TBMM; Military and Political Developments Between 1920-1922; Revolutions and Counter-Reactions; The Establishment of the Constitutional System; Domestic and Foreign Politics in the Republican Period; Basic Characteristics of the Turkish Revolution and the Thought Movements It Influenced; Innovations in Law, Education, Economy and Social Life; Atatürk's Principles and General Characteristics of These Principles; Evaluation of Atatürkism from an Ideological Perspective.

TURK103 TURKISH LANGUAGE and LITERATURE I (2+0) ECTS:2

What is Language: Theories on the birth of language, Language-culture-nation relationship; Language Revolution: Turkish Language Association and its studies; World Languages: Language families, the place of Turkish among world languages; Characteristics of Turkish in Turkey: Sound characteristics, Form characteristics, Sentence characteristics; Spelling Rules; Punctuation Marks;

Correspondence: CV, Petition, Letter, Business letter, Telegram.

INGU103 ENGLISH I (2+0) ECTS:2

Adjusters; Prepositions: Place, Time, Movement; Singular and Plural Nouns: Countable and Uncountable Nouns; Tenses: Present tense, Present tense, Past tense structures; Modals: Will, Should, Should not, Must, Must not, Can; Comparative structures; Pronouns: Personal pronouns, Possessive pronouns; Adjectives; Positive sentences, Negative sentences and Interrogative sentences; Conjunctions: And, But, -ken, Because.

2ND SEMESTER

DPT114 OCCLUSION (2+0) ECTS:5

Temporomandibular joint anatomy. Biological laws regulating the functions of the muscles that move the lower jaw. Basic positions where lower jaw movements begin. Types of lower jaw

movements. Clinical importance of lower jaw movements. Determinants of occlusal morphology in the horizontal plane. Determinants of occlusal morphology in the sagittal plane. Determinants of occlusal morphology in the frontal plane. Occlusion theories and optimum occlusion criteria. Types of occlusion and prerequisites for occlusion types.

Functional path technique.

DPT106 MOVABLE PROSTHESES I (2+4) ECTS:7

Preparation of total prosthesis models, preparation of impression trays, preparation of acrylic bases, making wax walls,

putting models in the articulator, tooth alignment, making models.

DPT120 FIXED PROSTHETICS I (2+4) ECTS:7

Obtaining models, stump making, temporary crown making, modeling, investment, casting, leveling and polishing.

RKUL 104 UNIVERSITY CULTURE II (0+2) ECTS:4

The student's realization of the privilege of being a "university student" that he/she will have throughout his/her university life,

enables him/her to comprehend that the university is not just a place of lessons and professional acquisition, but that he/she should understand, interpret and be a participant and guide of what is happening in the world and in his/her surroundings rather than being a spectator of these events.

ATA104 ATATURK'S PRINCIPLES AND HISTORY OF REVOLUTION II (2+0) ECTS:2

The Fall of the Ottoman Social and State Order and the Reform Movements Carried Out; The Disintegration of the Ottoman State and the Beginning of the National Struggle; Mustafa Kemal Pasha's Organization of the National Struggle in Anatolia; Opening of the First Grand National Assembly of Turkey; Military and Political Developments Between 1920-1922; Revolutions and Counter-Reactions; Establishment of the Constitutional System; Domestic and Foreign Policy in the Republican Period; Basic Characteristics of the Turkish Revolution and the Thought Movements It Influenced; Innovations Made in Law, Education, Economy and Social Life; Atatürk's Principles and the General Characteristics of These Principles; Evaluation of Atatürkism from an Ideological Perspective.

TURK104 TURKISH LANGUAGE and LITERATURE II (2+0) ECTS:2

In this course, where the ability to use the mother tongue correctly and to develop the abilities of students who have come to the university by gaining this skill are essential, producing thoughts and writing what they think are discussed with examples and writing exercises are

carried out on these subjects. In addition, various novels, poetry books and theater plays are read and examined. In the classroom, various diction techniques and applied stress and intonation lessons are held by doing reading theater.

INGU104 ENGLISH II (2+0) ECTS:2

Tenses: Present continuous tense, Past continuous tense, Future continuous tense structures;
Modals: Might, Could,

Can, Must, May; Adverbs: Place, Direction, Purpose, Manner adverbs; Adjectives: Order of adjectives, Comparative, Superlative structures; Passive Structure: Passive structure in present, Apr, Past, Future tenses; Conditional Clauses;

Adjective Clauses; Transference Clauses; Verb Structures: TO, -ING; Noun Clauses; Adverb Clauses;

Comparative Structures.

ILK101 FIRST AID (2+0) ECTS: 3

General First Aid Information, Human Body, Patient/Injured and Crime Scene Assessment, Basic Life Support, Respiratory Tract Obstructions, Bleeding and Shock, Injuries, Burns, Frostbites, Heat Stroke, Consciousness Disorders (Loss of Consciousness, Convulsions, Low Blood Sugar, Chest Pain),

Poisoning, Animal Bites, Foreign Objects in Eyes-Ears-Nose, Drownings, Fractures, Dislocations, Sprains, Carrying Techniques.

3RD SEMESTER

DPT223 FIXED PROSTHESIS II (2+4) ECTS: 8

Making wax modeling and casting in metal inlays and onlers, Leveling and polishing, Making direct metal post-core, Making direct non-metal post-core, Making indirect metal post-core,

Making indirect non-metal post-core.

DPT201 MOVABLE PROSTHESIS II (2+4) ECTS: 8

Classification of partial dentures, acrylic base plate partial dentures, metal base plate partial dentures, main connector types, planning in skeletal prostheses, laboratory procedures in skeletal prostheses,

preparing models for acrylic base partial dentures, preparing acrylic base, crochet bending, wax wall making, putting models in articulator, tooth alignment, modeling. Tooth alignment rules in cases other than normal.

DPT231 WAX MODELING (0+2) ECTS:3

Procurement of models, making a die model. Modeling of upper canine, premolar and molar teeth. Modeling of lower canine, premolar and molar teeth. Laminate modeling of teeth numbered 11 and 12.

AML114 STERILIZATION PRINCIPLES (2+0) ECTS:5

Importance of sterilization and disinfection in dental prosthesis laboratories, sterilization and disinfection

methods, microorganisms and protection methods

DPT229 ORTHODONTICS (2+2), ECTS:6

Concept of orthodontics, growth and development, eruption of permanent teeth, wire bending principles, physiological

resorption, physiological movements of teeth, orthodontic model making, Adams clasp bending. Habits that cause malaligned teeth, mouth breathing and its harms, removable canine distalization appliance, upper screw plate, correction appliance, removable space maintainer appliances

MET101 PROFESSIONAL ETHICS (2+0) ECTS:2

What is Deontology, Definition and Introduction, What is Ethics, Characteristics of a Morally Mature Individual, Health and Disease Concepts, What is a Profession, Principles that Make a Profession a Profession, Teamwork, Place of Healthcare Personnel in Society, Universal Declaration of Human Rights, Patient Rights, Laws and Regulations Related to Healthcare Methods, Euthanasia, Ethics in Transplantation.

IV. SEMESTER

DPT220 MOVABLE PROSTHESES III (2+4) ECTS:8

Laboratory procedures in skeletal prostheses. Modern flanging systems in total and acrylic-based partial dentures. Acrylic stamping, leveling and polishing procedures. Prosthesis repair procedures.

DPT222 MAXILLOFACIAL PROSTHESES (1+2) ECTS:5

Extraoral - Intraoral prostheses, Obturators, Flange Prostheses, Treatment of cleft lip and palate, Occlusion in defect prostheses, Radiotherapy prostheses, Epitheses

SKI207 ENTREPRENEURSHIP (2+0) ECTS:3

Entrepreneurial approaches, entrepreneurship culture, types of entrepreneurship, entrepreneurship functions, entrepreneurship areas, entrepreneurship process, business idea and resources, business plan preparation.

DPT200 IMPLANT-SUPPORTED PROSTHESES (2+0) ECTS:3

What is an implant? Indications and contraindications in oral implantology.

Planning in implant-supported prostheses. Classification of the occlusal plane. Measurement methods in implant-supported prostheses. Implant-supported fixed prostheses, tooth alignment and laboratory procedures. Implant-supported removable prostheses and laboratory procedures.

ADS999 SUMMER INTERNSHIP (0+20 WORKING DAYS) ECTS:9

It covers 20 working days during which students will perform their professional practices.