

DENTAL PROSTHETIC TECHNOLOGY 2022/2023 COURSE CONTENTS

SEMESTER I

DPT 103 DENTAL MORPHOLOGY THEORY+APPLICATION (2+4) ECTS: 7

Histological and morphological structure of primary and permanent teeth, examination of teeth and arches, related terminologies, codes used to define teeth, occlusal view of all jaw teeth.

DPT 121 MOUTH & JAW ANATOMY AND PHYSIOLOGY OF CHEMISTRY (2+0) ECTS: 4

Some planes used in anatomy and Turkish meanings of some words, definition of systemic anatomy and parts, the macroscopic and microscopic structure of the bones, the structure of the tooth, the functions of the oral mucosa and structure, dry mouth, changes caused by dentures in the oral mucosa. chewing force

measurement, conservative treatment methods in TMJ disorders, full dentures and chewing, condylar disc

complex irregularities, predisposing factors causing disc discomfort, occlusion disorders

DPT123 MATERIALS AND INSTRUMENTS (2+0) ECTS:4

Importance and classification of substances used in dentistry. Impression, plaster and alginate impression

properties of substances. Stretch properties in convertible impression materials. Thermoplastic measure

properties of substances. Features of the pedestal plate. Chewing and grinding agents. porcelain and plastic

teeth. What is an examination set and a unit?

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

Information input and output operations Simple comparison operations and applications, Indexed variables and their applications,

Compound comparisons, Subprograms and functions, file types, structures and implementation, 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, Relations

social institutions, social influence and conformity behavior, psychology as a science,

Impulses and motives, Sensation and perception, Learning and motivation, Behavioral disorders, Relationship difficulties

patient behaviors.

RKUL 101 UNIVERSITY CULTURE (0+2), 1, ECTS:1

Being aware of the privilege of being a “college student” that the student will have throughout his university life, that the university is not just a place for courses and a career, in university life, in the World Understanding, interpreting what is going on in and around it, and being a participant and a participant rather than a watcher.

makes him realize that he should be a guide.

ATA 101 PRINCIPLES OF ATATÜRK and HISTORY OF REVOLUTION I (2+0) ECTS:3

Recession of Ottoman Social and State Order and Reform Movements; Ottoman Empire

Disintegration and Beginning of National Struggle; Mustafa Kemal Pasha's National Struggle in Anatolia

Organizing; Opening of the First T.B.M.M.; Military and Political Developments Between 1920-1922; revolutions and

Counter-Reactions; Establishment of the Constitutional System; Domestic and Foreign Politics in the Republican Era; Turkish Revolution

Basic Properties and Thought Trends Affected by; In Law, Education, Economy and Social Life

Innovations; Atatürk's Principles and General Characteristics of These Principles; Kemalism in Ideological Perspective

Evaluation.

TURK 101 TURKISH LANGUAGE and LITERATURE I (2+0) ECTS:3

What is Language: Theories about the birth of language, Language-culture-nation relationship; Language Revolution: Turkish Language Institution and

studies; Languages of the World: Language families, the place of Turkish among the world languages; Turkish of Turkey

Properties: Sound properties, Format properties, Sentence properties; Writing rules; Punctuation;

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

INGU 101 ENGLISH I (3+0) ECTS:3

tokens; Prepositions: Place, Time, Movement; Singular and Plural Nouns: Countable and Uncountable

names; Tenses: Present tense, Past tense structures; Modals: Will, Should, Should not,

Must, Must not, Can; Comparative structures; Pronouns: Personal pronouns, Possessive pronouns; Adjectives; Positive sentence,

Negative and Interrogative sentences; Conjunctions: And, But, -while, Because.

SEMESTER II

DPT114 OCCLUSION (2+0) ECTS:5

Temporomandibular joint anatomy. Regulates the functions of the muscles that move the lower jaw

biological laws. Basic positions where lower jaw movements start. Lower jaw movement types.

Lower jaw

clinical significance of movements. Determinants of occlusal morphology in the horizontal plane. in the sagittal plane

determinants of occlusal morphology. Determinants of occlusal morphology in the frontal plane. occlusion

theories and optimum occlusion criteria. Prerequisites for occlusion types and occlusion types.

Functional pathway technique.

DPT106 MOVABLE PROSTHESIS I (2+4,) ECTS:7

Total prosthesis model preparation, impression tray preparation, acrylic base preparation, wax wall construction, articulating models, tooth alignment, modeling.

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

Model making, stump making, temporary crown making, modeling making, investing, casting, leveling and polishing.

RKUL 102 UNIVERSITY CULTURE (0+2) ECTS:1

Being aware of the privilege of being a “college student” that the student will have throughout his university life,

It enables them to understand that the university is not only a place of lectures and professional acquisition, but that it should be a participant and a guide rather than understanding and interpreting what is happening in university life, the world and its surroundings, and rather being a follower of these.

ATA 102 PRINCIPLES OF ATATÜRK and HISTORY OF REVOLUTION II (2+0) ECTS:3

Recession of Ottoman Social and State Order and Reform Movements; 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 T.B.M.M.; Military and Political Developments Between 1920-1922; Revolutions and Counter-Reactions; Establishment of the Constitutional System; Domestic and Foreign Politics in the Republican Era; The Basic Features of the Turkish Revolution and the Thought Movements Affected by it; Innovations in Law, Education, Economy and Social Life; Atatürk's Principles and General Characteristics of These Principles; Evaluation of Kemalism in Ideological Perspective.

TURK 102 TURKISH LANGUAGE and LITERATURE II (2+0) ECTS:3

To gain the ability to use the mother tongue correctly; who came to university by gaining this skill in order to develop students' abilities in this field,

In the course where writing is essential, punctuation and spelling rules, composition rules, writing types

are discussed with examples and writing studies are carried out about them. In addition, various novels, poetry

books and plays are read and studied. By making reading theater in the classroom, various

Diction techniques and applied emphasis and intonation lessons are given.

INGU 102 ENGLISH II (3+0) ECTS:3

Tenses: Present tense, Present tense, Past tense, Future tense structures; Modes: Might, Could,

Can, Must, May; Adverbs: Place, Direction, Purpose, Adverbs of State; Adjectives: Order of Adjectives, Comparison, Superlative

indicating structures; Passive Structure: Present, Extended, Past, Future passive structure; Conditional Phrases;

Adjective Phrases; Transfer Sentences; Verb Structures: TO, -ING; Noun Phrases; Adverb Phrases; 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 Obstructions, Bleeding and Shock, Injuries, Burns, Frostbite, Heat

Stroke, Consciousness Disorders (Losses of Consciousness, Convulsions, Low Blood Sugar, Chest Pain),

Poisonings, Animal Bites, Eyes-Ears-Nosing Foreign Objects, Choking, Fractures,

Dislocations, Sprains, Transport Techniques.

III. SEMESTER

DPT 223 FIXED PROSTHESES II (2+4) ECTS: 8

Wax modeling and casting on metal inlays and them, Leveling and polishing, Direct metal post

Making core, Making direct non-metal post-core, Making indirect metal post-core,

Making non-indirect metal post-core.

DPT 201 MOVABLE PROSTHESIS II (2+4) ECTS: 8

Classification of partial dentures, partial dentures with acrylic base plate, partial dentures with metal base plate

prostheses, main types of fasteners, planning in skeletal prostheses, laboratory procedures in skeletal prostheses,

Model preparation for acrylic base partial dentures, acrylic base preparation, crochet bending, wax wall making, taking models into articulators, tooth alignment, modeling. Tooth alignment rules in abnormal situations.

DPT 225 CANDLE MODELING (0+2) ECTS:4

Model supply, model making with days. Modeling of maxillary canine, premolar and molar teeth. lower canine, modeling of premolars and molars. Laminate modeling for teeth 11 and 12.

STE101 STERILIZATION (2+0) ECTS:2

The importance of sterilization and disinfection in dental prosthesis laboratories, sterilization and disinfection methods, microorganisms and prevention methods

DPT 217 ORTHODONTICS (1+2), 2, ECTS:6

The concept of orthodontics, growth and development, permanent teeth eruption, wire twisting principles, physiological resorption, physiological movements of teeth, orthodontic model making, Adams Crochet twist, bad tooth habits, mouth breathing and its harms, movable canine distalization appliance, top screw plate, straightening device, movable placeholder devices

MET 101 PROFESSIONAL ETHICS (2+0) ECTS:2

What is Deontology, Definition and Introduction, What is Morality, Characteristics of Morally Mature Individual, Health And Disease Concepts, What is a Profession, Principles of Profession, Teamwork, Health Personnel in Society

Place, Universal Declaration of Human Rights, Patient Rights, Laws and Regulations Related to Health Method, Euthanasia, Ethics in Transplantation.

SEMESTER IV

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

Laboratory procedures in skeletal prostheses. Modern in total and acrylic base partial dentures muffle systems. Acrylic firing, leveling and polishing processes. Prosthesis repair operations.

DPT222 Maxillofacial Prostheses (1+2) ECTS:5

Extraoral - Intra oral prostheses, Obturators, Flange Prostheses, Treatment of cleft lip and palate, Defect occlusion in prostheses, Radiotherapy prostheses, Epitheses

DPT206 ENTREPRENEURSHIP (2+0) ECTS:3

Entrepreneurship approaches, entrepreneurship culture, entrepreneurship types, entrepreneurial functions, entrepreneurship fields, entrepreneurship process, business idea and resources, business plan preparation.

DPT 224 IMPLANT PROSTHESES (2+0) ECTS:4

What is an implant? Indications and contraindications in oral implantology. On implant prostheses planning. Classification of the occlusal plane. Impression methods in implant-supported prostheses. Fixed on implant

dentures, dentures and laboratory procedures. Removable prostheses on implants 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.