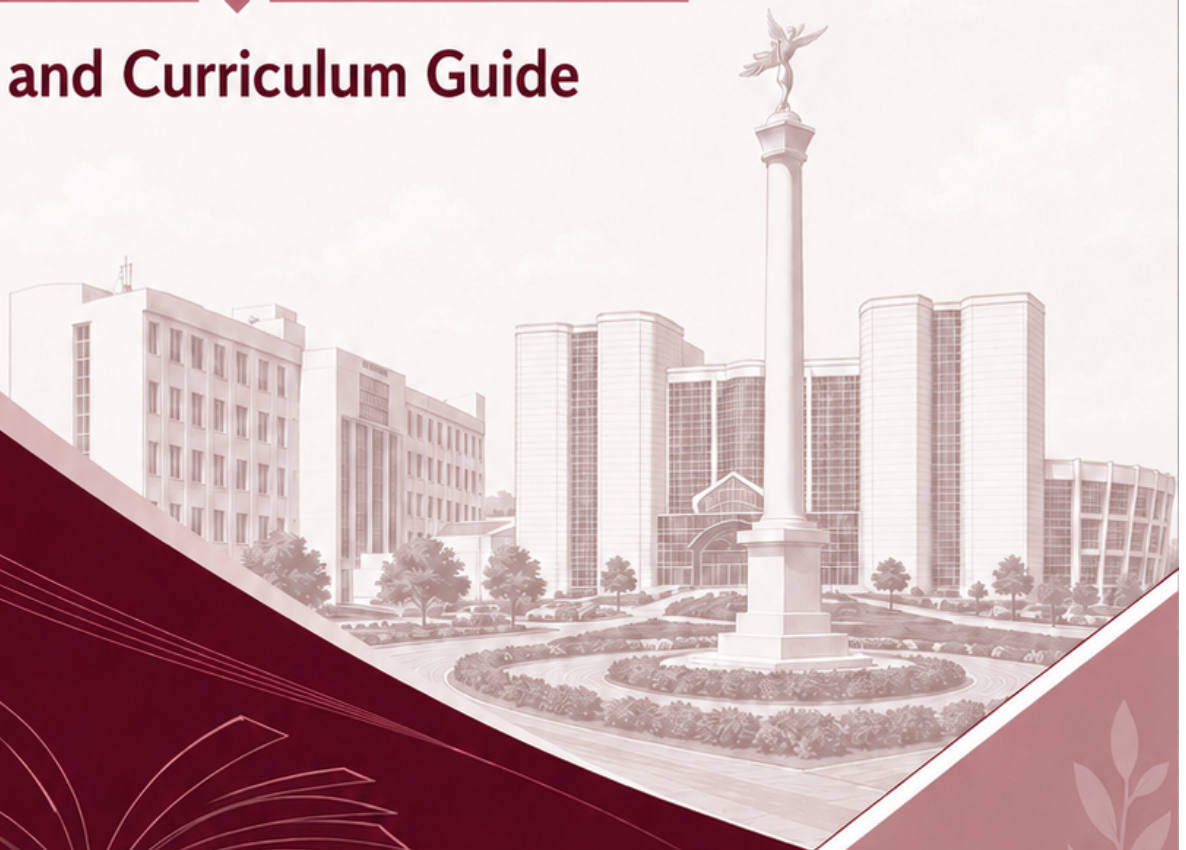




COURSE CATALOG

Courses and Curriculum Guide



ACADEMIC
EXCELLENCE



GLOBAL
PERSPECTIVES



INSPIRED
LEARNING



COMMUNITY
FOCUSED



1. ABOUT THE FACULTY

1.1. Establishment of the Faculty

Near East University Faculty of Dentistry was established as the first faculty of dentistry in the Turkish Republic of Northern Cyprus. Under a cooperation protocol signed with Ankara University Faculty of Dentistry, the Turkish-medium programme commenced its educational activities on 1 October 2007. Within a relatively short period, the Faculty attained a distinguished position by prioritising quality and innovation in education and by developing a strong academic staff. Following the approval of its English-medium programme in 2014, the Faculty also began offering education in English. Both the Turkish- and English-medium programmes remain active. With an institutional structure that has continuously evolved and been renewed since its establishment, the Faculty continues to play a pioneering role in dentistry as a nationally and internationally recognised educational institution.

In line with Near East University's overarching philosophy of providing education in accordance with international standards, the Faculty aims to offer students a comprehensive and well-equipped educational experience through the use of the latest technologies in contemporary dental education. Committed to educating dentists who are internationally recognised, guided by ethical values, grounded in scientific knowledge, and dedicated to serving both society and the profession, the Faculty has continuously strengthened its academic staff and infrastructure since its establishment. Its experienced academic staff, each specialising in their respective fields, provide students with opportunities to translate theoretical knowledge into practice and thereby benefit from a comprehensive educational experience. The Faculty also supports the development of students' professional competencies by offering clinical training opportunities in modern, fully equipped clinics where they can acquire and refine essential clinical skills.

In accordance with the principle of "Producing High-Quality Knowledge," as stipulated in Near East University's Quality Policy, the Faculty attaches particular importance and priority to research and development activities and is committed to producing high-quality scholarly publications in the field of dentistry. In this context, it contributes to the advancement of the discipline by providing academic staff with opportunities to conduct research and pursue their professional and academic development.

Located on the University campus, the Faculty's six-storey building comprises educational and clinical blocks equipped with modern instruments and facilities. The building houses simulation laboratories for preclinical education, an Initial Diagnosis Centre in which advanced imaging techniques are employed, a computer-assisted three-dimensional modelling laboratory, a sedation unit, fully equipped clinics, state-of-the-art operating theatres for surgical disciplines, classrooms, and conference and meeting halls.

In previous years, the clinical services of Near East University Dental Hospital were accredited by Joint Commission International (JCI), an accreditation body that recognises healthcare institutions meeting internationally accepted standards of excellence. Through agreements concluded with numerous insurance companies, trade unions, and associations—including the Social Security Institution of the Republic of Türkiye and Near East Hayat health insurance, which is available to employees of the Near East University group—high-quality oral and dental healthcare services are provided to a broad patient population under favourable conditions.

1.2. Mission, Vision, and Core Values of the Faculty

Our Mission

- To contribute to dental science at national and international standards through research and development activities.
- To provide contemporary and high-quality healthcare services addressing the oral and dental health needs of society.
- To educate graduates who act with a strong sense of professionalism, respect ethical values, remain responsive to the healthcare needs of society, prioritise humanitarian values, demonstrate competence in professional practice, and embrace the principle of lifelong learning.

Our Vision

- To maintain our position among the leading institutions contributing to the advancement of the profession through high-quality education and intensive research and development activities.
- To maintain our position among institutions that employ advanced technologies and provide contemporary, high-quality services, while achieving excellence in patient satisfaction.

Our Core Values

- Integrity and Impartiality
- Professionalism
- Commitment to Ethical Principles
- Social Responsibility
- Commitment to Contemporary, Service-Oriented Practice
- Respect for Patients' and Employees' Rights
- Productivity and Scientific Rigour

1.3. Aims and Objectives of the Faculty

Aims and Objectives Relating to Education

Aim 1: To educate contemporary dentists and scientists who prioritise humanitarian values; communicate effectively; respect ethical principles; think critically; act responsibly; work to protect the oral and dental health of society and treat oral and dental diseases; demonstrate competence in professional practice; adopt solution-oriented approaches to diseases and other health-related problems by applying their knowledge and skills; embrace lifelong learning; and work effectively as members of a team.

- Objective 1.1: To ensure that the curriculum remains up to date in accordance with the National Core Curriculum for Undergraduate Dental Education (DUÇEP) and the Turkish Qualifications Framework for Higher Education (TYYÇ).
- Objective 1.2: To design the curriculum in a manner that promotes the education of dentists who conduct research, question established knowledge, think critically, remain open to lifelong learning, and demonstrate due regard for ethical and deontological principles.
- Objective 1.3: To incorporate practices and competencies relating to leadership, teamwork, research engagement, effective communication, and risk management into the curriculum.
- Objective 1.4: To provide high-quality undergraduate and postgraduate education in both clinical practice and theoretical knowledge.

- Objective 1.5: To ensure that students enrolled in undergraduate and postgraduate programmes undertake a sufficient number of clinical procedures to develop competencies in the cognitive, affective, and psychomotor domains, and to establish laboratory and clinical practice environments equipped with advanced technologies for this purpose.
- Objective 1.6: To establish student societies and clubs devoted to social, cultural, and scientific activities and to support the activities of these organisations.
- Objective 1.7: To ensure diversity in assessment and evaluation methods through the use of both conventional and complementary assessment tools.
- Objective 1.8: To maintain advisory and coordination systems through which students can receive support throughout their education.
- Objective 1.9: To support the participation of Faculty members in scientific activities aimed at ensuring quality and standardisation in education.
- Objective 1.10: To increase the use of active learning methods within the curriculum and to adopt a student-centred approach to education.

Aims and Objectives Relating to Research

Aim 2: To generate universal, high-quality, valid, and reliable knowledge by conducting scientific research aimed at improving healthcare services.

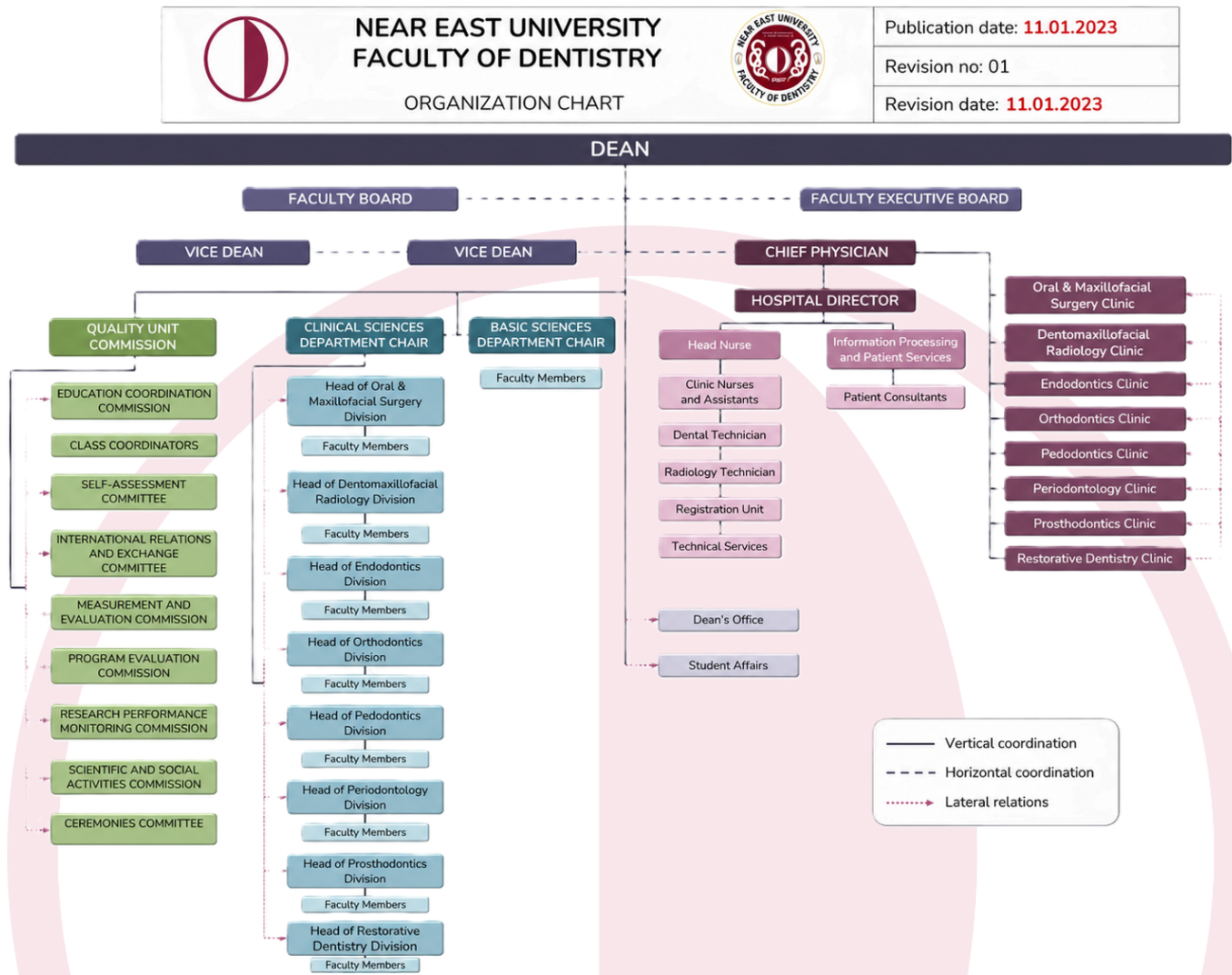
- Objective 2.1: To encourage the scientific activities of academic staff and provide the motivation necessary to support their participation.
- Objective 2.2: To create environments and opportunities that enhance the research capabilities of academic staff.
- Objective 2.3: To encourage academic staff to participate in scientific meetings organised at both national and international levels.

Aims and Objectives Relating to Oral and Dental Healthcare Services

Aim 3: To protect the oral and dental health of society and provide high-quality healthcare services by applying current diagnostic and treatment methods in light of scientific evidence and with due regard for patients' rights.

- Objective 3.1: To establish the educational and training environments required for the implementation of healthcare quality processes and to ensure the continuity of these processes.
- Objective 3.2: To provide high-quality healthcare services that prioritise the needs of society, integrate technological developments into dental practice, and are continuously reviewed and updated.

1.4. Organisational Chart of the Faculty



1.5. Administration of the Faculty

Prof. Dr. M. Mutahhar Ulusoy mutahhar.ulusoy@neu.edu.tr	• Dean, Faculty of Dentistry • Chair, Division of Clinical Sciences • Chair, Department of Prosthodontics
Assoc. Prof. Dr. Lokman Onur Uyanık lokman.onur@neu.edu.tr	• Chief Medical Officer, Dental Hospital • Chair, Department of Oral and Maxillofacial Surgery
Prof. Dr. Sevcan Kurtulmuş Yılmaz sevcan.kurtulmus@neu.edu.tr	• Vice Dean, Faculty of Dentistry
Assoc. Prof. Dr. Özay Önöral ozay.onoral@neu.edu.tr	• Vice Dean, Faculty of Dentistry • Chair, Department of Paediatric Dentistry
Prof. Dr. Nuran Ulusoy nuran.ulusoy@neu.edu.tr	• Chair, Department of Restorative Dentistry
Prof. Dr. H. Güney Yılmaz guney.yilmaz@neu.edu.tr	• Chair, Department of Periodontology
Prof. Dr. Seçil Aksoy secil.aksoy@neu.edu.tr	• Chair, Department of Oral and Maxillofacial Radiology
Prof. Dr. Ahmet Özer Şehirli ahmetozer.sehirli@neu.edu.tr	• Chair, Division of Basic Sciences
Assoc. Prof. Dr. Fatma Basmacı fatma.basmaci@neu.edu.tr	• Chair, Department of Endodontics
Assist. Prof. Dr. Beste Kamiloglu beste.kamiloglu@neu.edu.tr	• Chair, Department of Orthodontics

1.6. Academic Staff of the Faculty

The Division of Clinical Sciences at Near East University Faculty of Dentistry comprises eight departments: Oral and Maxillofacial Surgery, Oral and Maxillofacial Radiology, Endodontics, Orthodontics, Paediatric Dentistry, Periodontology, Prosthodontics, and Restorative Dentistry. The Division of Basic Medical Sciences includes academic staff specialising in Anatomy, Biochemistry, Pharmacology, Physiology, Histology, and Microbiology. The Faculty is distinguished by its extensive and highly qualified academic staff, whose expertise enables the effective delivery of undergraduate and postgraduate education, as well as the successful conduct of research and clinical services. The Faculty continues to expand and strengthen its academic staff on an ongoing basis. A range of training and professional development programmes is organised to enhance the qualifications and competencies of academic personnel, thereby ensuring the continuous improvement of the Faculty's educational and research standards. This dynamic institutional structure has enabled the Faculty to establish itself as a nationally and internationally recognised centre of education and research.

2. ABOUT THE PROGRAMME

2.1. Mode of Education

The Faculty provides formal education. Courses may be delivered face-to-face, online, or in a hybrid format; however, all assessment and evaluation activities are conducted in person. The Faculty adopts an integrated education model based on multidisciplinary integration, corresponding to Step 9 of Harden's Integration Ladder. Through interdisciplinary collaboration and the integration of subject areas, this model provides students with a more holistic learning experience. Integrated education enables students to explore connections across disciplines while offering a learning environment that encompasses a broad spectrum of subjects, ranging from the basic medical sciences to clinical practice. By enabling students to relate theoretical knowledge to practical applications and address complex clinical scenarios, this approach supports the development of clinical competencies in areas such as patient assessment and treatment planning. Furthermore, integrated education offers students the opportunity to develop a comprehensive understanding of dental practice from an interdisciplinary perspective. In doing so, it makes a significant contribution to their development as competent, reliable, and effective healthcare professionals in their future clinical practice.

2.2. Level of Study

Dental education comprises a five-year programme worth 300 ECTS credits and is considered equivalent to a master's degree. The programme provides the qualifications defined as the "First Cycle" under the Framework for Qualifications of the European Higher Education Area (QF-EHEA), as well as the Level 6 qualifications specified within the Turkish Qualifications Framework for Higher Education (TYYÇ) and classified in accordance with ISCED 2011. Within this framework, the programme has been designed to fulfil the relevant ECTS credit requirements and level-specific qualification criteria.

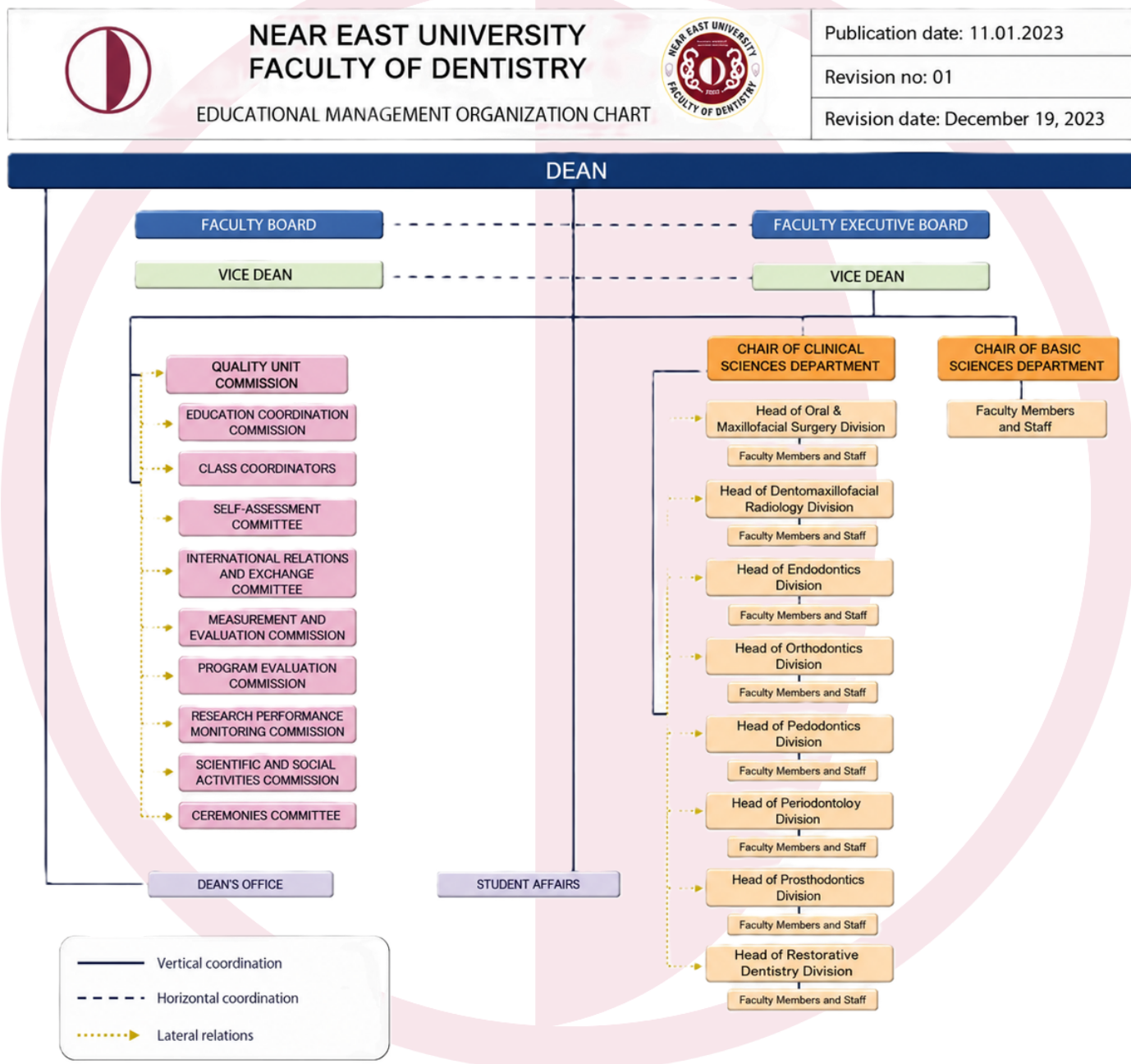
2.3. Language of Instruction

Educational and instructional activities at the Faculty of Dentistry are conducted through both Turkish-medium and English-medium programmes.

2.4. Duration of Study

The dental education programme has a duration of five years and is offered on a full-time basis. The academic year consists of two semesters—Autumn and Spring—comprising a total of 28 weeks. During the first three years, courses in the basic medical and clinical sciences are supported by preclinical practical training. In the final two years, students undertake clinical education alongside a less intensive schedule of theoretical coursework.

2.5. Organisational Chart of the Programme's Educational Management



2.6. Programme Coordinator

The Dentistry Programme is coordinated by Prof. Dr. M. Mutahhar Ulusoy.

Contact: mutahhar.ulusoy@neu.edu.tr

2.7. Program Competencies

PC 1	Possesses theoretical and practical knowledge in the basic medical sciences, clinical sciences, and social sciences relevant to the dental profession and applies this knowledge throughout professional practice.
PC 2	Draws upon knowledge of the normal structure, functions, and interactions of the human body—particularly the oral cavity, jaws, and teeth—at the cellular, tissue, organ, and system levels to investigate the local and systemic causes of oral, dental, and maxillofacial diseases; evaluates their signs and symptoms; and performs differential diagnosis, diagnosis, and treatment planning.
PC 3	Identifies the relationship between patients' systemic conditions and the oral and surrounding tissues; evaluates laboratory findings and potential drug interactions; and takes the necessary precautions.
PC 4	Possesses comprehensive knowledge of dental materials, instruments, equipment, and their applications, and uses them effectively.
PC 5	Acts in accordance with the legal responsibilities and ethical principles governing the dental profession.
PC 6	Applies the knowledge and skills acquired in dentistry to manage the treatment of diseases and anomalies affecting the oral cavity and surrounding tissues, within the scope of professional competence, either independently and/or in collaboration with other disciplines.
PC 7	Demonstrates a thorough understanding of individual and community-based risk factors associated with oral and dental diseases; contributes to the prevention and reduction of disease through preventive and protective practices; and supports health and well-being at different stages of life by participating in community oral and dental health programmes and projects.
PC 8	Ensures ergonomic and safe working environments for themselves and other healthcare professionals by complying with quality management systems and processes, infection control procedures, radiation safety requirements, and medical waste management regulations.
PC 9	Communicates effectively with patients, patients' relatives, colleagues, other healthcare professionals, and society on the basis of trust and respect, without discrimination on the grounds of language, religion, race, gender, or sociocultural and economic status.
PC 10	Demonstrates awareness of the importance of maintaining and safeguarding complete patient records, protecting the confidentiality of patient information, and obtaining informed consent, while fully observing patients' rights.
PC 11	Embraces the principle of lifelong learning and continuously pursues professional development by following current evidence-based scientific data, academic activities, and biomedical innovations through the use of foreign-language resources, information and communication technologies, libraries, and other databases; critically evaluates the validity and reliability of the information obtained.
PC 12	Organises teamwork within the field, assumes leadership responsibilities, and monitors and evaluates the performance and professional development of those working under their supervision.
PC 13	Examines current social issues in relation to the field of dentistry with a strong sense of social responsibility; demonstrates awareness and sensitivity; and designs and implements projects and activities in collaboration with other professional groups.

2.8. Alignment of the Programme Qualifications with the Turkish Qualifications Framework for Higher Education (TYYÇ)

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY MAPPING OF PROGRAMME QUALIFICATIONS TO THE TURKISH QUALIFICATIONS FRAMEWORK FOR HIGHER EDUCATION (TYYÇ)													
TYYÇ HEALTH (72) FIELD-SPECIFIC QUALIFICATIONS (ACADEMIC ORIENTATION) TYYÇ Level: Level 6 – Bachelor's Degree EQF-LLL: Level 6 QF-EHEA: First Cycle	PROGRAM COMPETENCIES												
	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
KNOWLEDGE (Theoretical and Factual)													
1-Possesses advanced theoretical and practical knowledge supported by textbooks containing fundamental and up-to-date information in the field of health, practical instruments and equipment, multimedia educational materials, and other relevant resources.													
2-Possesses the knowledge required to evaluate the nature, source, limitations, accuracy, reliability, and validity of information.													
3-Possesses the knowledge and skills necessary to access scientific information in the field of health, follow and evaluate current literature, and apply the knowledge acquired in professional practice.													
SKILLS (Cognitive and Practical)													
1-Uses the advanced knowledge and skills acquired in the field of health to interpret and evaluate scientifically validated data; identifies and analyses problems; develops solutions in accordance with professional and ethical values on the basis of research and evidence; shares knowledge; and works effectively as part of a team.													
2-Uses information technologies relevant to healthcare and research.													
3-Uses advanced theoretical and practical knowledge acquired in the field of health to provide health education to individuals, families, and communities.													
4-Develops solutions to field-specific problems in accordance with scientific data and evidence.													
COMPETENCIES													
Competence in Working Independently and Assuming Responsibility													
1-Independently conducts studies by applying advanced knowledge acquired in the field of health and assumes responsibility as a team member in collaboration with professionals from other relevant disciplines.													
2-Assumes responsibility, both individually and as a member of a team, for resolving unforeseen and complex problems encountered in healthcare-related practices.													
3-Plans and manages activities aimed at supporting the professional development of personnel working under their supervision within the framework of a project, and monitors and evaluates the process.													
4-Fulfills the responsibility of generating field-specific scientific knowledge and conducts research at a descriptive level.													
Learning Competence													
1-Critically evaluates the advanced knowledge and skills acquired in the field of health.													
2-Identifies learning objectives and demonstrates the ability to learn independently.													

[illegible]

2.9. Alignment of Courses with the Programme Qualifications

CODE	COURSE NAME	PROGRAM COMPETENCIES												
		1	2	3	4	5	6	7	8	9	10	11	12	13
DTC100	CS1 – Introduction to Dentistry	2	1	1	2	1	1	1	1	3	1	1	1	1
	CS2 - Dental Anatomy and Morphology	2	2	1	1	1	1	1	1	1	1	1	1	1
	CS3 – Dental Tissues and Materials Science	2	3	1	3	1	1	1	1	1	1	1	1	1
	BMS1 – Cellular Base of Life	2	2	1	1	1	1	1	1	1	1	1	1	1
	BMS2 – Tissue and Embryology	2	2	1	1	1	1	1	1	1	1	1	1	1
	BMS3 – Cardiovascular and Respiratory Systems	2	2	1	1	1	1	1	1	1	1	1	1	1
	BMS4 – Gastrointestinal System and Metabolism	2	2	1	1	1	1	1	1	1	1	1	1	1
	TT5 – Urogenital and Endocrine Systems	2	2	1	1	1	1	1	1	1	1	1	1	1
DPC100	Year 1 Practical Committee	2	2	1	3	1	2	1	1	1	1	1	3	1
ITE100	Information Technologies in Dentistry	1	1	1	1	1	1	1	1	1	3	3	1	1
CAR100	Career Planning	1	1	1	1	1	1	1	1	4	1	2	2	2
CAM100	Campus Orientation	1	1	1	1	1	1	1	1	2	1	4	1	2
ENG100	English I-II	1	1	1	1	1	1	1	1	2	1	3	1	1
AİT200	Atatürk's Principles and History of the Turkish Revolution	1	1	1	1	1	1	1	1	1	1	1	1	1
YİT100	Turkish Language I-II	1	1	1	1	1	1	1	1	4	1	2	1	1
DTC200	CS1 - Dental Tissue Diseases and Treatments I	2	2	3	3	1	2	1	4	1	1	1	1	1
	CS2 – Sabit Protetik Restorasyonlar	2	2	1	3	1	2	1	1	1	1	1	1	1
	CS3 - Dental Tissue Diseases and Treatments II	2	2	2	2	2	2	4	1	1	1	1	1	1
	CS4 – Dental Tissue Diseases and Treatments III	2	2	2	1	1	1	4	1	1	1	1	1	1
	BMS1 – Basics of Diseases I	2	2	2	2	1	1	1	4	1	1	1	1	1
	BMS2 – Central Nervous System	2	2	1	1	1	1	1	1	1	1	1	1	1
	BMS3 – Basics of Diseases II	2	2	2	1	1	2	1	2	1	1	1	1	1
DPC200	PC1 – Restorative Dentistry	3	1	1	3	1	1	1	1	1	1	1	1	1
	PC2 - Endodontics	3	2	1	3	1	1	1	1	1	1	1	1	1
	PC3 – Oral and Maxillofacial Radiology	2	1	1	4	1	1	1	4	1	1	1	1	1
	PC4 – Prosthodontics	3	2	1	3	1	1	1	1	1	1	1	3	1
DCS200	Communication Skills	2	1	1	1	1	1	1	1	5	1	1	2	1
DTC300	CS1 - Examination	3	4	4	3	1	3	4	3	4	1	1	1	1
	CS2 - Removable Dentures	2	3	3	4	1	2	1	1	3	1	1	1	1
	CS3 - Periodontal Treatment	3	3	4	3	1	2	5	1	2	1	1	1	1
	CS4 - Dental Tissue Diseases and Treatments IV	3	3	1	3	1	3	1	2	1	1	1	1	1
	CS5 - Oral and Maxillofacial Surgery and Local Anaesthesia	3	3	4	3	1	2	1	3	3	1	1	1	1
	CS6 - Dental Tissue Diseases and Treatments V	3	3	1	3	1	2	1	1	1	1	1	1	1
	CS7 - Systemic Diseases	3	3	4	1	1	2	2	1	1	1	1	1	1
	CS8 - Orthodontic Approaches	2	4	3	3	1	2	2	1	1	1	1	1	1
DPB300	PB1 - Preclinical Restorative Dentistry	2	1	1	3	1	2	1	1	1	1	1	1	1
	PB2 - Preclinical Prosthodontics	2	1	1	3	1	2	1	1	1	1	1	1	1
	PB3 - Endodontics	2	1	1	3	1	2	1	1	1	1	1	1	1
	SPB1 - Restorative Dentistry Simulation	2	1	1	3	1	2	1	1	1	1	1	1	1
	SPB2 - Prosthodontics Simulation	2	1	1	4	1	2	1	1	1	1	1	1	1
	SPB3 - Orthodontic Simulation	2	1	1	2	1	1	1	1	1	1	1	1	1

	SPB4 - Anaesthesia	2	1	1	3	1	2	1	1	1	1	1	1	1
	SPB5 - Periodontology Simulation	2	1	1	2	1	2	1	1	1	1	1	1	1
	SPB6 - Paediatric Dentistry Simulation	2	1	1	3	1	2	3	1	1	1	1	1	1
DCS300	Clinical and Diagnostic Skills	3	2	1	2	1	1	2	1	1	1	1	1	1
DTC400	CS1 - Paediatric Dentistry and Orthodontics	2	4	1	2	1	3	4	1	1	1	1	1	1
	CS2 - Colour and Aesthetics	4	4	1	5	3	3	1	1	1	1	1	1	1
	CS3 - Advanced Procedures in Prosthodontics	4	1	1	5	2	4	1	1	1	1	1	1	1
	CS4 - Oral Infections and Malignancies I	5	5	4	1	1	4	1	1	1	1	1	1	1
	CS5 - Temporomandibular Joint Disorders, Trauma, and Pain	3	3	1	2	1	3	4	3	1	1	1	1	1
	CS6 - Advanced Surgical Approaches	3	3	2	2	1	3	3	1	1	1	1	1	1
	CS7 - Oral Infections and Malignancies II	3	4	1	1	1	1	3	1	1	1	1	1	1
	BS - Biostatistics and Ethics	1	1	1	1	5	1	1	1	4	4	5	1	1
Rotations	DCR401 - Oral and Maxillofacial Surgery	4	5	4	4	4	4	1	4	4	4	1	1	1
	DCR402 - Dentomaxillofacial Radiology	5	5	5	4	3	4	2	3	5	4	1	1	1
	DCR403 - Endodontics	5	5	2	4	4	4	4	4	5	5	1	1	1
	DCR404 - Orthodontics	4	3	1	5	2	1	1	2	3	4	1	1	1
	DCR405 - Paediatric Dentistry	5	5	2	3	2	1	5	1	5	4	1	1	1
	DCR406 - Periodontology	5	5	3	5	4	3	5	4	5	4	1	1	1
	DCR407 - Prosthodontics	5	4	4	5	4	4	2	3	5	5	1	1	1
	DCR408 - Restorative Dentistry	5	5	4	2	4	1	2	4	5	5	1	1	1
EBD400	Evidence-Based Dentistry	2	2	2	2	3	3	4	1	3	1	5	1	1
COH400	Community Oral and Dental Health	1	1	1	1	1	1	5	5	1	1	4	1	5
DTC500	CS1 - Contemporary Approaches and Oral Implantology	2	3	3	5	1	2	1	1	1	1	1	1	1
	CS2 - Geriatric Dentistry and Maxillofacial Prosthetics	3	3	3	2	1	2	3	1	1	1	1	1	1
	CS3 - Quality in Healthcare Services and Dental Practice Management	3	1	1	3	5	1	1	5	3	4	1	1	1
	CMS1 - Clinical Medical Sciences I	2	4	4	1	1	1	1	1	1	1	1	1	1
	CMS2 - Clinical Medical Sciences II	3	1	3	1	5	3	1	1	2	5	1	1	1
Integrated Rotations	DAC500 - Integrated Adult Clinic	3	4	2	3	4	4	1	5	5	5	1	1	1
	DCC500 - Integrated Paediatric Clinic	3	3	1	3	1	2	1	5	3	4	3	1	1
RTP500	Research Techniques and Presentation	1	1	1	1	1	1	1	1	4	1	5	5	1
CSA500	Community Service Applications	1	1	1	1	1	1	1	1	2	1	1	3	4
*1 = None, 2 = Low, 3 = Moderate, 4 = High, 5 = Very High														

3. COURSE LIST

3.1. Distribution Tables of Semester-Based and Elective Courses in the Programme

Year 1

CODE	DERS ADI	COURSE NAME	Precondition	M/E	T	P	C	A
DTC100	1. Sınıf Teorik Blokları	Year 1 Theoretical Committees	-	M	362	0	13	26
	KB1 – Diş Hekimliğine Giriş	CS1 - Introduction to Dentistry	-		44	0		
	KB2 - Diş Anatomisi ve Morfolojisi	CS2 - Dental Anatomy and Morphology	-		16	0		
	KB3 – Dental Dokular ve Maddeler Bilgisi	CS3 - Dental Tissues and Material Science	-		23	0		
	TT1 – Yaşamın Temeli ve Hücre	BMS1 - Cellular Base of Life	-		64	6		
	TT2 – Doku ve Embriyoloji	BMS2 - Tissue and Embryology	-		67	6		
	TT3 – Kardiyovasküler Sistem ve Solunum Sistemi	BMS3 - Cardiovascular and Respiratory Systems	-		46	3		
	TT4 – Gastrointestinal Sistem ve Metabolizma	BMS4 - Gastrointestinal System and Metabolism	-		57	6		
	TT5 – Ürogenital Sistem ve Endokrin Sistem	BMS5 - Urogenital and Endocrine Systems	-		45	9		
DPC100	1. Sınıf Pratik Bloğu	Year 1 Practical Committee	-	M	0	80	5	10
YİT100	Türk Dili	Turkish Language	-	M	120	0	4	4
AİT200	Atatürk İlkeleri Ve İnkılap Tarihi	Atatürk's Principles and History of Turkish Revolution	-	M	120	0	4	4
ENG100	İngilizce	English	-	M	120	0	4	6
CAR100	Kariyer Planlama	Career Planning	-	M	14	0	1	2
CAM100	Kampüse Uyum	Campus Orientation	-	M	14	0	1	2
ITE100	Diş Hekimliğinde Bilişim Teknolojileri	Information Technologies in Dentistry	-	M	30	0	1	2
CHC100	Kıbrıs Kültürü ve Tarihi	Cyprus: History and Culture	-	ME	30	0	1	2
***	Seçmeli Ders I	Elective Course I	-	E	30	0	1	2
Total					840	80	35	60
M: Mandatory – E: Elective – ME: Mandatory Elective – T: Theoretical Course Hour – P: Practical Course Hour– C: Local Credit - A: European Credit Transfer System (ECTS)								

The courses delivered across the eight theoretical blocks in Year 1 encompass the foundational theoretical knowledge required in dentistry and the basic medical sciences. The courses within these committees are organised in a structured sequence and delivered through a multidisciplinary approach. The **Introduction to Dentistry committee** introduces the principal departments and fields of practice within dentistry, outlines the historical development and fundamental principles of the profession, and presents basic approaches to first aid and emergency treatment. It also introduces key concepts in behavioural sciences and psychology, with the aim of enabling students to understand individual and social behaviour. The **Dental Anatomy and Morphology committee** provides a detailed examination of dental numbering systems and the anatomical structures of the permanent and primary dentitions. The **Dental Tissues and Materials Science committee** addresses the development, histology, and physiology of the teeth and surrounding tissues, while also examining the physical and mechanical properties of dental materials. Courses in the basic medical sciences constitute a substantial and integral component of the Year 1 curriculum. The **Cellular Base of Life committee** covers cellular structure and function, biochemical processes, and the transmission of genetic information. The **Tissues and Embryology committee** examines the structure of human tissues and the processes of embryological development. The **Cardiovascular and Respiratory Systems committee** addresses the anatomy, histology, and physiology of the cardiovascular and respiratory systems. The **Gastrointestinal System and Metabolism committee**

focuses on the digestive system and metabolic processes, while the **Urogenital and Endocrine Systems committee** examines the reproductive organs and hormonal systems. The **Year 1 Practical Committee** introduces the morphological characteristics of permanent teeth and the manipulation of a range of dental materials. It is also designed to develop students' three-dimensional thinking, cognitive abilities, and psychomotor skills. In addition to **Turkish Language, Atatürk's Principles and History of the Turkish Revolution**, and **English**, which are compulsory courses stipulated by the Council of Higher Education, the first-year curriculum includes **Career Planning** and **Campus Orientation**. The Career Planning course familiarises students with different sectors of professional life and raises their awareness of employer expectations. The Campus Orientation course is designed to facilitate students' adaptation to the academic and social environment of the University. The **Information Technologies in Dentistry** course introduces the fundamental concepts associated with modern computer technologies and explains the integration of information technologies into dental practice. The mandatory elective course **Cyprus Culture and History** enables students to gain a deeper appreciation of the cultural and historical heritage of the region in which they live. Within the Year 1 curriculum, students also take **one non-field elective course** selected from the elective course pool in accordance with their individual interests.

Year 2

CODE	DERS ADI	COURSE NAME	Precondition	M/E	T	P	C	A
DTC200	2. Sınıf Teorik Blokları	Year 2 Theoretical Committees	DTC100 DPC100	M	236	22	12	24
	KB1 - Dental Doku Hastalıkları ve Tedavileri I	CS1 - Dental Tissue Diseases and Treatments - I			48	0		
	KB2 – Sabit Protetik Restorasyonlar	CS2 - Fixed Prosthetic Restorations			33	0		
	KB3 - Dental Doku Hastalıkları ve Tedavileri II	CS3 - Dental Tissue Diseases and Treatments - II			15	0		
	KB4 – Dental Doku Hastalıkları ve Tedavileri III	CS3 - Dental Tissue Diseases and Treatments - III			20	0		
	TT1 – Hastalıkların Temeli I	BMS1 - Basics of Diseases - I			39	14		
	TT2 – Merkezi Sinir Sistemi	BMS2 - Central Nervous System			40	8		
	TT3 – Hastalıkların Temeli II	BMS3 - Basics of Diseases - II			41	0		
DPC200	2. Sınıf Pratik Blokları	Year 2 Practical Committees		M	0	372	10	20
	PB1 – Restoratif Diş Tedavisi	PC1 - Restorative Dentistry			0	120		
	PB2 - Endodonti	PC2 - Endodontics			0	120		
	PB3 – Ağız, Diş ve Çene Radyolojisi	PC3 - Dentomaxillofacial Radiology			0	12		
	PB4 – Protetik Diş Tedavisi	PC4 - Prosthodontics			0	120		
DiB200	İletişim Becerileri	Communication Skills in Dentistry		M	30	0	1	2
***	Seçmeli Ders I	Elective Course I	-	E	30	0	2	4
***	Seçmeli Ders II	Elective Course II	-	E	30	0	2	4
***	Seçmeli Ders III	Elective Course III	-	E	30	0	2	4
***	Seçmeli Ders IV	Elective Course IV	-	E	30	0	1	2
Total					386	394	30	60
M: Mandatory – E: Elective – ME: Mandatory Elective – T: Theoretical Course Hour – P: Practical Course Hour– C: Local Credit - A: European Credit Transfer System (ECTS)								

Within the Year 2 theoretical committees, dentistry-related subjects occupy a more prominent place than the basic medical sciences. The courses delivered within these committees follow a structured sequence and are taught through a multidisciplinary approach. The courses included in the **Dental Tissue Diseases and Treatments I, II, and III Committees** define diseases affecting the teeth and surrounding tissues and explain the diagnostic and therapeutic approaches used in their management. The **Fixed Prosthetic**

Restorations Committee examines all clinical and laboratory stages of fixed prosthetic restorations, beginning with treatment planning, and addresses restorative materials in detail. The basic medical sciences committees, **Basics of Disease I and II**, cover the structure of microorganisms, the cellular mechanisms underlying the development of disease, and the local and systemic effects of pharmaceutical agents. The **Central Nervous System Committee** addresses the anatomical and histological structure of the nervous system, together with its functions. The **Year 2 Practical Committees** comprise four subcommittees designed to develop students' professional skills through practical exercises conducted in parallel with the clinical dentistry content presented in the theoretical committees. The **Restorative Dentistry Practical Subcommittee** focuses on restorative cavity preparation and the application of lining and base materials. In the **Endodontics Practical Subcommittee**, students perform endodontic access cavity preparations on anterior and posterior natural teeth, as well as root canal preparation and obturation procedures on a single-rooted tooth. In the **Dentomaxillofacial Radiology Practical Subcommittee**, intraoral periapical imaging techniques are taught through hands-on practice. The **Prosthodontics Practical Subcommittee** includes practical exercises relating to the clinical and laboratory stages of fixed prosthetic restorations. The **Communication Skills in Dentistry** course aims to develop the competencies required for effective communication with patients and within professional relationships. Within the Year 2 curriculum, students also take **four non-field elective courses** selected from the elective course pool in accordance with their individual interests.

Year 3

CODE	DERS ADI	COURSE NAME	Precondition	M/E	T	P	C	A
DTC300	3. Sınıf Teorik Blokları	Year 3 Theoretical Committees	DTC200 DPC200	M	198	0	9	18
	KB1 - Muayene	CS1 - Examination			30	0		
	KB2 - Hareketli Protezler	CS2 - Removable Prosthesis			36	0		
	KB3 - Periodontal Tedavi	CS3 - Periodontal Treatment			23	0		
	KB4 - Dental Doku Hastalıkları ve Tedavileri IV	CS4 - Dental Tissue Diseases and Treatments IV			31	0		
	KB5 - Ağız Diş ve Çene Cerrahisi ve Lokal Anestezi	CS5 - Oral and Maxillofacial Surgery and Local Anesthesia			14	0		
	KB6 - Dental Doku Hastalıkları ve Tedavileri V	CS6 - Dental Tissue Diseases and Treatments - V			23	0		
	KB7 - Sistemik Hastalıklar	CS7 - Systemic Diseases			23	0		
	KB8 - Ortodontik Yaklaşımlar	CS8 - Orthodontic Approaches			18	0		
DPC300	3. Sınıf Pratik Blokları	Year 3 Practical Committees		M	0	484	17	34
	PB1 - Restoratif Diş Tedavisi Preklinik	PC1 - Restorative Dentistry			0	112		
	PB2 - Protetik Diş Tedavisi Preklinik	PC2 - Prosthodontics			0	112		
	PB3 - Endodonti	PC3 - Endodontics			0	108		
	SPB1 - Restoratif Diş Tedavisi Simülasyon	SPC1 - Restorative Dentistry Simulation			0	44		
	SPB2 - Protetik Diş Tedavisi Simülasyon	SPC2 - Prosthodontics Simulation			0	32		
	SPB3 - Ortodonti Simülasyon	SPC3 - Orthodontics Simulation			0	4		
	SPB4 - Anestezi	SPC4 - Anesthesia			0	12		
	SPB5 - Periodontoloji Simülasyon	SPC5 - Periodontology Simulation			0	4		
	SPB6 - Pedodonti Simülasyon	SPC6 - Pedodontics Simulation			0	56		
DCS300	Klinik ve Tanısal Beceriler	Diagnostic and Clinical Skills		M	1	4	2	4
***	Seğmeli Ders	Elective Course	-	E	30	0	2	4
Total					229	488	30	60
M: Mandatory – E: Elective – ME: Mandatory Elective – T: Theoretical Course Hour – P: Practical Course Hour– C: Local Credit – A: European Credit Transfer System (ECTS)								

Within the Year 3 Theoretical Committees, knowledge relating to clinical dentistry is delivered across nine separate course committees through a multidisciplinary approach. The **Examination Committee** addresses diagnostic and treatment-planning processes for adult and paediatric patients, systemic diseases that may affect these processes, and the corresponding approaches required of dental practitioners. The **Removable Dentures Committee** encompasses all clinical and laboratory stages involved in the fabrication of complete and partial dentures, beginning with treatment planning. The **Periodontal Treatment Committee** covers the diagnosis, risk assessment, treatment, and prognosis of periodontal diseases. The **Dental Tissue Diseases and Treatments IV and V Committees** examine endodontic treatment methods and restorative treatment options for teeth affected by loss of dental hard tissue. The **Oral and Maxillofacial Surgery and Local Anaesthesia Committee** introduces the fundamental principles of minor surgical procedures and infection control. The Local Anaesthesia section addresses the local anaesthetic agents and techniques used in dentistry, as well as complications associated with anaesthesia. The **Systemic Diseases Committee** focuses on the dental management of adult and paediatric patients with systemic diseases and the factors that must be considered during treatment procedures and medication use. The **Orthodontic Approaches Committee** examines the relationship between orthodontics and growth and development, together with skeletal and dental anomalies and malocclusions. The Year 3 Practical Committees comprise practical subcommittees that continue the training provided in the Year 2 Practical Committees, together with six distinct simulation subcommittees. In the **Restorative Dentistry Practical Subcommittee**, students perform composite resin restorations in the preclinical laboratory. In the corresponding simulation subcommittee, cavity preparations and restorations are carried out on phantom models. In the **Prosthodontics Practical Subcommittee**, students complete the laboratory stages involved in the fabrication of complete and partial dentures. In the corresponding simulation subcommittee, tooth preparation for fixed prosthetic restorations is simulated on phantom models. In the **Endodontics Practical Subcommittee**, all stages of endodontic treatment, from access cavity preparation to root canal obturation, are simulated on phantom models. Endodontic retreatment procedures are also performed on extracted natural teeth. In the **Orthodontics Simulation Subcommittee**, students fabricate removable orthodontic appliances. In the **Anaesthesia Simulation Subcommittee**, students practise maxillary and mandibular anaesthesia techniques on one another. In the **Periodontology Simulation Subcommittee**, scaling procedures are performed on phantom models while appropriate operator-patient positioning is simulated. In the **Paediatric Dentistry Simulation Subcommittee**, students provide toothbrushing instruction tailored to different age groups, perform preventive procedures, and carry out compomer restorations and pulpotomy procedures on primary teeth in phantom models. The **Clinical and Diagnostic Skills** course is designed to equip students with practical competencies relating to diagnostic and treatment processes. Within the scope of this course, students learn to measure blood glucose using a glucometer and assess vital signs such as blood pressure and body temperature. They also receive practical training in procedures including establishing intravenous access and administering intravenous and intramuscular injections. Students are taught how to ensure scene safety, assess consciousness, evaluate the airway, perform appropriate airway manoeuvres, assess breathing and pulse, and administer chest compressions and ventilatory support correctly. In addition to the theoretical instruction required to recognise and appropriately manage emergencies that may arise during dental practice, students participate in simulation-based training involving work on models and supervised practical exercises performed on one another. This enables them to translate their theoretical

knowledge into practical competence. Within the Year 3 curriculum, students also take one **non-field elective course** selected from the elective course pool in accordance with their individual interests.

Year 4

CODE	DERS ADI	COURSE NAME	Precondition	M/E	T	P	C	A
DTC400	4. Sınıf Teorik Blokları	Year 4 Theoretical Committees	DTC300 DPC300 DCS300	M	232	0	8	16
	KB1 - Çocuk Diş Hekimliği ve Ortodonti	CS1 - Pediatric Dentistry and Orthodontics			30	0		
	KB2 - Renk ve Estetik	CS2 - Color and Esthetics			15	0		
	KB3 - Protetik Diş Tedavisinde İleri Aşamalar	CS3 - Advanced Procedures in Prosthetic Dentistry			16	0		
	KB4 - Oral Enfeksiyonlar ve Maligniteler I	CS4 - Orofacial Infections and Malignancies I			34	0		
	KB5 - Temporomandibular Eklem, Travma ve Ağrı	CS5 - TMJ, Trauma, and Pain			22	0		
	KB6 - İleri Cerrahi Yaklaşımlar	CS6 - Advanced Surgical Procedures			19	0		
	KB7 - Oral Enfeksiyonlar ve Maligniteler II	CS7 - Orofacial Infections and Malignancies II			43	0		
	TB - Biyoistatistik ve Etik	BMS - Biostatistics and Ethics			44	0		
Rotations	DKS401 - Ağız, Diş ve Çene Cerrahisi	DCR401 - Oral and Maxillofacial Surgery		M	0	60	2	4
	DKS402 - Ağız, Diş ve Çene Radyolojisi	DCR402 - Dentomaxillofacial Radiology			0	60	2	4
	DKS403 - Endodonti	DCR403 - Endodontics			0	60	2	4
	DKS404 - Ortodonti	DCR404 - Orthodontics			0	30	1	2
	DKS405 - Pedodonti	DCR405 - Pedodontics			0	60	2	4
	DKS406 - Periodontoloji	DCR406 - Periodontology			0	30	1	2
	DKS407 - Protetik Diş Tedavisi	DCR407 - Prosthodontics			0	60	2	4
	DKS408 - Restoratif Diş Tedavisi	DCR408 - Restorative Dentistry			0	60	2	4
EBD400	Kanıtı Dayalı Diş Hekimliği	Evidence Based Dentistry		M	11	8	2	4
COH400	Toplum Ağız ve Diş Sağlığı	Community Oral Dental Health		M	16	48	2	4
***	Seçmeli Ders	Elective Course	-	E	30	0	2	4
***	Seçmeli Ders	Elective Course	-	E	30	0	2	4
Total					319	476	30	60
M: Mandatory – E: Elective – ME: Mandatory Elective – T: Theoretical Course Hour – P: Practical Course Hour– C: Local Credit - A: European Credit Transfer System (ECTS)								

The courses included in the Year 4 Theoretical Committees cover advanced knowledge and concepts in dentistry. The **Paediatric Dentistry and Orthodontics Committee** addresses the problems encountered during the primary and mixed dentition stages in paediatric patients, their management, and the principles underlying different orthodontic treatment approaches. The **Colour and Aesthetics Committee** focuses on multidisciplinary perspectives in the treatment planning of teeth requiring restoration for aesthetic purposes. The **Advanced Procedures in Prosthodontics Committee** explains the planning, clinical, and laboratory stages of advanced prosthetic restorations. The **Temporomandibular Joint, Trauma, and Pain Committee** examines temporomandibular joint disorders and their management, approaches to traumatic injuries, and pain control. The **Advanced Surgical Approaches Committee** addresses diseases requiring complex surgical interventions, their treatment, and the anatomy of the relevant regions. The **Orofacial Infections and Malignancies I and II Committees** examine the anatomical structures of the head and neck region and the pathways through which infections spread. They also address the diagnosis and treatment of odontogenic infections, tumours, and oral mucosal lesions. The **Biostatistics and Ethics Committee**

focuses on statistical methods used in scientific research and on the ethical principles governing professional practice.

The clinical rotations in **Oral and Maxillofacial Surgery, Oral and Maxillofacial Radiology, Endodontics, Orthodontics, Paediatric Dentistry, Periodontology, Prosthodontics, and Restorative Dentistry** are designed to provide students with hands-on training in different fields of dentistry and to support the development of their professional competencies. Students are required to complete their clinical training through group-based rotations in the clinics of the respective departments, within designated periods and by fulfilling specified clinical duties and requirements. All clinical rotations are undertaken at the Faculty's Dental Hospital. This enables students' clinical performance to be assessed in a standardised manner in accordance with the criteria established by the Faculty. The **Evidence-Based Dentistry** course aims to teach students how to search for scientific evidence and integrate such evidence into decision-making processes in dental practice. It also enables students to approach clinical problems in a scientific and systematic manner. Within the scope of the course, students are expected to reach evidence-based conclusions regarding a defined clinical problem. The **Community Oral and Dental Health** course covers the planning and implementation of community-based oral and dental healthcare and preventive services, as well as public health and epidemiology. Within the Year 4 curriculum, students also take two **field-specific elective courses** selected from the elective course pool in accordance with their individual interests.

Year 5

CODE	DERS ADI	COURSE NAME	Precondition	M/E	T	P	C	A
DTC500	5. Sınıf Teorik Blokları	Year 5 Theoretical Committees	DTC400	M	143	0	4	8
	KB1 - Güncel Yaklaşımlar ve Oral İmplantoloji	CS1 - Current Approaches and Oral Implantology			25	0		
	KB2 - Geriatri ve Maksillofasiyal Protezler	CS2 - Geriatrics and Maxillofacial Prostheses			20	0		
	KB3 - Sağlık Hizmetlerinde Kalite ve Muayenehane Yönetimi	CS3 - Quality and Practice Management in Health Services			31	0		
	KTB1 - Klinik Tıp Bilimleri I	CMS1 - Clinical Medical Sciences I			28	0		
	KTB2 - Klinik Tıp Bilimleri II	CMS2 - Clinical Medical Sciences II			39	0		
DEK500	Erişkin Entegre Klinik	Adult Integrated Clinic	DTC400, DCR401, DCR402, DCR403, DCR404, DCR405, DCR406, DCR407, DCR408	M	0	528	14	28
DCK500	Çocuk Entegre Klinik	Pediatric Integrated Clinic	DTC400, DCR401, DCR402, DCR403, DCR404, DCR405, DCR406, DCR407, DCR408		0	72	4	8
ATS500	Araştırma Teknikleri ve Sunum	Research Techniques and Presentation	EBD400	M	11	8	2	4
THU500	Topluma Hizmet Uygulamaları	Community Service Applications	COH400	M	16	48	2	4
***	Seçmeli Ders	Elective Course	-	E	30	0	2	4
***	Seçmeli Ders	Elective Course	-	E	30	0	2	4
Total					230	656	30	60
M: Mandatory – E: Elective – ME: Mandatory Elective – T: Theoretical Course Hour – P: Practical Course Hour– C: Local Credit - A: European Credit Transfer System (ECTS)								

The multidisciplinary courses delivered within the Year 5 Theoretical Committees encompass current treatment procedures and advanced knowledge relating to both clinical dentistry and the clinical medical sciences. The **Contemporary Approaches and Oral Implantology Committee** provides information on current devices and treatment methods used in dental practice. It also addresses imaging and treatment-planning procedures in oral implantology, together with the relevant surgical interventions and prosthetic restoration processes. The **Geriatric Dentistry and Maxillofacial Prosthetics Committee** examines the physiological and pathological changes observed in geriatric patients and discusses appropriate approaches to the management of this patient group. It also provides information on the prosthetic treatment procedures required according to the aetiology of defects affecting the maxillofacial region. The **Quality in Healthcare Services and Dental Practice Management Committee** focuses on quality management in clinical services, accreditation bodies, and relevant accreditation standards. It also provides information on the establishment and administration of dental practices and the legislation governing their operation. In addition, the committee addresses the importance of occupational health and safety and the precautions required in clinical environments. The **Health Law Subcommittee** examines patients' and practitioners' rights, as well as issues relating to malpractice. The **Clinical Medical Sciences I and II Committees** explain the bidirectional relationship between various diseases and dental practice and outline the approaches that dental practitioners should adopt when managing patients with these medical conditions. The **Integrated Adult Clinic** is a clinical rotation in which history-taking, patient examination, diagnosis, treatment planning, and treatment procedures for adult patients are addressed through a multidisciplinary approach. Following triage and within a structured treatment plan, a single student performs procedures relating to Oral and Maxillofacial Surgery, Oral and Maxillofacial Radiology, Endodontics, Periodontology, Prosthodontics, and Restorative Dentistry. Patient reports documenting the diagnoses and treatments provided are prepared, thereby also supporting the development of students' clinical documentation skills. The **Integrated Paediatric Clinic** focuses on treatment procedures within Paediatric Dentistry and Orthodontics. It aims to enhance students' clinical competencies in communicating with paediatric patients and their parents or guardians, obtaining radiographic images, establishing diagnoses, performing preventive procedures, and undertaking restorative treatment. Students are also expected to conduct orthodontic model analyses and diagnose malocclusions. Upon completion of the clinical training, each student is required to prepare a case report. The **Research Techniques and Presentation** course introduces different types of scientific research, methods of searching medical databases, and the principles and techniques of presentation design. The course also aims to develop students' ability to work collaboratively as members of a team. Students prepare and deliver both a group poster presentation and an oral presentation, thereby gaining experience in presenting effectively within academic and professional settings. The **Community Service Applications** course aims to enhance students' awareness of social responsibility by involving them in projects designed to benefit society and the environment. Students identify current social issues and collaborate with their peers to design and implement a social responsibility project. They subsequently present their completed projects at the Community Service Applications Student Workshop, which is held during the spring semester of each academic year. Within the Year 5 curriculum, students also take two **field-specific elective courses** selected from the elective course pool in accordance with their individual interests.

3.2. University-Wide Compulsory Courses

The compulsory courses offered across the University and included in the Faculty curriculum are **Atatürk's Principles and History of the Turkish Revolution, Turkish Language, and English**. In accordance with higher education legislation, these courses are compulsory for all students, including citizens of the Republic of Türkiye, citizens of the Turkish Republic of Northern Cyprus, and international students. Under the relevant regulations, Turkish Language is delivered over two semesters and carries 4 credits; Atatürk's Principles and History of the Turkish Revolution is likewise delivered over two semesters and carries 4 credits; and English is offered over two semesters and carries 6 credits. In addition, **Career Planning**, carrying 2 credits and delivered over one semester, and **Campus Orientation**, also carrying 2 credits and delivered over one semester, are included among the other university-wide compulsory courses in the Year 1 curriculum.

3.3. Elective Course Pool

During the first three years of their education, students select non-field elective courses offered specifically to the Faculty by the University's Elective Courses Coordination Office, in accordance with their individual interests. During the final two years, they select field-specific elective courses offered by the Faculty. Non-field elective courses provide students with opportunities to broaden their cultural perspective and gain exposure to different disciplines, whereas field-specific elective courses enable them to acquire advanced knowledge in areas of clinical dentistry and the medical sciences that are of particular interest to them. At the beginning of each semester, the elective course guide—including the elective courses offered for the relevant academic year and their respective aims—is published on the Faculty's website and made available to students:

Turkish Program Elective Courses Pool	English Program Elective Courses Pool
Appendix: Elective Courses for the Spring Term of the 2025–2026 Academic Year	Appendix: Elective Courses for the Spring Term of the 2025–2026 Academic Year
Appendix: Elective Courses for the Fall Term of the 2025–2026 Academic Year	Appendix: Elective Courses for the Fall Term of the 2025–2026 Academic Year
Appendix: Elective Courses for the Spring Term of the 2024–2025 Academic Year	Appendix: Elective Courses for the Spring Term of the 2024–2025 Academic Year
Appendix: Elective Courses for the Fall Term of the 2024–2025 Academic Year	Appendix: Elective Courses for the Fall Term of the 2024–2025 Academic Year
Appendix: Elective Courses for the Spring Term of the 2023–2024 Academic Year	Appendix: Elective Courses for the Spring Term of the 2023–2024 Academic Year
Appendix: Elective Courses for the Fall Term of the 2023–2024 Academic Year	Appendix: Elective Courses for the Fall Term of the 2023–2024 Academic Year
Appendix: Elective Courses for the Spring Term of the 2022–2023 Academic Year	Appendix: Elective Courses for the Spring Term of the 2022–2023 Academic Year
Appendix: Elective Courses for the Fall Term of the 2022–2023 Academic Year	Appendix: Elective Courses for the Fall Term of the 2022–2023 Academic Year
Appendix: Elective Courses for the Spring Term of the 2021–2022 Academic Year	Appendix: Elective Courses for the Spring Term of the 2021–2022 Academic Year
Appendix: Elective Courses for the Fall Term of the 2021–2022 Academic Year	Appendix: Elective Courses for the Fall Term of the 2021–2022 Academic Year

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
DTC100	Year 1 Theoretical Committees		Compulsory	13	26
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Face to face	-	1	Academic year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
363	25	0	0	25	8	355

Learning Outcomes of the Course	Upon completing this course, students will be able to:												
	LO 1	Explain the fundamental concepts, disciplines, and historical development of the dental profession, and identify the basic tools and instruments used in diagnosis and treatment.											
	LO 2	Describe teeth and surrounding tissues from anatomical, histological, and biochemical perspectives, and distinguish between primary and permanent teeth using their morphological characteristics and numbering systems.											
	LO 3	Explain the structure and basic functioning of the human body by applying fundamental knowledge of biochemistry, histology, anatomy, and physiology at the cellular, tissue, organ, and system levels.											
	LO 4	Summarize the basic structures and functional mechanisms of the circulatory, respiratory, digestive, urogenital, and endocrine systems, and explain their relationships with fluid-electrolyte and acid-base balance.											
	LO 5	Describe the processes that shape human and social behavior and their effects; explain the effects of oral hygiene, nutrition, and environmental factors on oral and general health; explain emergency situations through examples; and list the basic intervention steps.											
	LO 6	Integrate acquired basic science and professional knowledge to provide a foundation for subsequent preclinical and clinical practices in dental education.											

The Relationship Between Learning Outcomes and Program Competencies	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
LO 1	2	1	1	2	1	1	1	1	1	1	1	1	1
LO 2	2	3	1	1	1	1	1	1	1	1	1	1	1
LO 3	2	2	1	1	1	1	1	1	1	1	1	1	1
LO 4	2	2	1	1	1	1	1	1	1	1	1	1	1
LO 5	2	1	2	2	1	1	2	1	4	1	1	1	1
LO 6	2	3	2	2	1	1	1	1	4	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good													

Course Description	This course introduces students to dentistry as a health profession by linking its historical development, core concepts, and ethical framework with the basic medical sciences. The course covers the anatomy and morphology of teeth, dental materials, and the structure of oral and peri-oral tissues, and provides an overview of basic human body systems from the cellular level to organs, thereby establishing the biological basis for subsequent preclinical and clinical dental education.
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Course Objectives	Objective 1	To introduce the historical development, basic concepts, fields of practice, and ethical responsibilities of the dental profession
	Objective 2	To provide fundamental knowledge of tooth anatomy and morphology, dental numbering systems, dental materials, and the structure of oral and dental tissues
	Objective 3	To raise awareness of oral hygiene practices, approaches to emergency situations, and basic clinical observation processes
	Objective 4	To explain the basic functioning of the human organism by providing knowledge of biochemistry, histology, anatomy, and physiology at the cellular, tissue, organ, and system levels
	Objective 5	To teach the structure and functions of the respiratory, circulatory, digestive, urogenital, and endocrine systems and to elucidate their roles in maintaining organismal homeostasis.

Textbook / Resources	Resource 1	CS-1 Resources
	Resource 2	CS-2 Resources
	Resource 3	CS-3 Resources
	Resource 4	BMS-1 Resources
	Resource 5	BMS-2 Resources
	Resource 6	BMS-3 Resources
	Resource 7	BMS-4 Resources
	Resource 8	BMS-5 Resources

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☑	☑	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐

Course Content	Department	Subject	Activities	Resource	Hour
	CS-1	CS-1 Committee Content	ILS, RS	1-8	45
	CS-2	CS-2 Committee Content	ILS, RS	1-5	17
	CS-3	CS-3 Committee Content	ILS, RS	1-14	22
	BMS-1	BMS-1 Committee Content	ILS, KRS, RS	1-17	64+6
	BMS-2	BMS-2 Committee Content	ILS, KRS, RS	1-14	68+6
	BMS-3	BMS-3 Committee Content	ILS, KRS, RS	1-14	46+3
	BMS-4	BMS-4 Committee Content	ILS, KRS, RS	1-13	58+6
	BMS-5	BMS-5 Committee Content	ILS, KRS, RS	1-13	43+4

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Weighted average of committee exams	60	CS1-3, BMS1-5 Resources	PC1, PC2, PC3, PC4, PC7, PC9
	2	End-of-year comprehensive theoretical examination – Clinical sciences	10	CS1-3 Resources	PC1, PC2, PC3, PC4, PC7, PC9
	3	End-of-year comprehensive theoretical examination – Basic medical sciences	30	BMS1-5 Resources	PC1, PC2, PC3, PC4, PC7, PC9

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	355	355x1
Practical course hour	25	25x1
Preparation for the theoretical course	355	355x0.5
Preparation for the practical course	25	25x0.5
Preparation for the committee exam	8	8x16.9
Committee exam	8	8x1
Discussion session after the committee exam	8	8x1
Preparation for the final theoretical exam	1	1x61
Final theoretical exam	1	1x2
Total Workload		784.2
Estimated ECTS Credit		26.14
Approximate ECTS Credit		~26

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC100 - CS1	Introduction to Dentistry		Compulsory	1	3
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	-	1	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
45	0	0	0	0	1	44

Learning Outcomes of the Committee	Upon completing this committee, students will be able to;				
	LO 1	Describe the fields of practice of the dental disciplines.			
	LO 2	List the stages in the historical development of dentistry.			
	LO 3	Identify the basic tools and instruments used in dental diagnosis and treatment.			
	LO 4	Distinguish emergency situations and list the steps of intervention.			
	LO 5	Relate the methods and materials used to maintain oral hygiene.			
	LO 6	Describe the processes that shape human and social behavior and their effects.			

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
LO 1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
LO 2	2	1	1	1	1	1	1	1	1	1	1	1	1	1
LO 3	1	1	1	1	2	1	1	1	1	1	1	1	1	1
LO 4	2	1	2	1	1	1	1	1	1	1	1	1	1	1
LO 5	1	1	1	2	1	1	1	2	1	1	1	1	1	1
LO 6	1	1	1	1	1	1	1	1	1	4	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee is designed to help students become familiar with the dental profession from historical, scientific, and humanistic perspectives. By raising awareness of the fundamental principles, fields of practice, and ethical responsibilities of the profession, it contributes to the development of students' professional identity.
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Committee Objectives	Objective 1	To introduce the departments and main fields of dentistry
	Objective 2	To explain the historical development of dentistry
	Objective 3	To introduce the basic tools and instruments used in diagnosis and treatment in dentistry
	Objective 4	To introduce emergency situations that may be encountered in dental practice and to teach the basic steps of first aid and emergency intervention
	Objective 5	To explain the methods and materials used to maintain oral hygiene and to promote the development of effective oral hygiene habits
	Objective 6	To describe the processes and influences that shape human and societal behaviours.

Textbook / Resources	Resource 1	Efeoğlu A (1992). Diş Hekimliği Tarihi Ders Notu IÜ. Diş Hekimliği Fakültesi, İstanbul.
	Resource 2	Ring ME (1993). Dentistry. Illustrated History. Abroadale Press.
	Resource 3	Türk Kızılayı İlk Yardım El Kitabı (2018) 16. baskı. Matsa Basımevi, Ankara.
	Resource 4	Anusavice KJ, Shen C, Rawls HR (2021). Phillips' Science of Dental Materials, 13th edd. Elsevier Inc., St. Louis
	Resource 5	Heymann HO, Swift EJ, Ritter AV (2016) Sturdevant's Art & Science of Operative Dentistry. 7th ed., Elsevier Health Sciences.
	Resource 6	Newman M, Takei H, Klokkevold P, Carranza F (2019). Clinical Periodontology. 13th ed. Elsevier.
	Resource 7	Eroğlu F (2021). Davranış Bilimleri. 4. baskı. Beta Yayınları, İstanbul.
	Resource 8	Lecture notes

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☑	☑	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Dean's Office	Orientation, general rules and regulation	ILS	8	2
	All Departments	Introduction to departments of dentistry	ILS	8	8
	History of Dentistry				
	Oral and Maxillofacial Surgery	Dentistry in prehistoric and ancient ages	ILS	1, 2, 8	1
	Dentomaxillofacial Radiology	Dentistry in middle-age Islamic culture	ILS	1, 2, 8	1
	Endodontics	Dentistry in medieval (Europe)	ILS	1, 2, 8	1
	Orthodontics	Dentistry in new age	ILS	1, 2, 8	1
	Restorative Dentistry	Dentistry in near age	ILS	1, 2, 8	1
	Periodontology	Dentistry in modern age	ILS	1, 2, 8	1
	Prosthetic Dentistry	Development of dentistry in Turkey	ILS	1, 2, 8	1
	Restorative Dentistry	Professional associations in dentistry	ILS	1, 2, 8	1
	Instruments and Devices Used in Dentistry				
	Endodontics	Dental hand and rotary instruments	ILS	4, 5, 8	1
	Restorative Dentistry	Instruments used in operative dentistry	ILS	4, 5, 8	1
	First Aid and Emergency				
	First Aid and Emergency	General approach to trauma, vital findings, airway management, foreign body aspirations	ILS	3, 8	1
		First aid in unconsciousness	ILS	3, 8	1
		First aid in bleeding and heat balance disorders	ILS	3, 8	1
		Fractures, dislocations, sprains and wounds	ILS	3, 8	1
		Basic life support and advanced cardiac support	ILS	3, 8	2
		Animal bites, poisoning, shock, transferring the patients	ILS	3, 8	1
	Oral Hygiene				
	Periodontology	Providing oral hygiene and tooth brushing techniques	ILS	6, 8	1
	Behavioral Sciences				
	Psychology	Introduction to behavioral sciences and basic concepts	ILS	7, 8	1
		Behavioral science research methods	ILS	7, 8	1
		Anthropology, sociology, psychology	ILS	7, 8	1
		Learning - motivation	ILS	7, 8	1
		Personality	ILS	7, 8	1
		Perception	ILS	7, 8	1
		Attitudes	ILS	7, 8	1
		Groups	ILS	7, 8	1
		Conflict	ILS	7, 8	1
		Self defense mechanisms	ILS	7, 8	1
		Topographic model	ILS	7, 8	1
		Structural model	ILS	7, 8	1
		Culture	ILS	7, 8	1

	Multidisciplinary	Social behavior and organizations	ILS	7, 8	1
		Behavioral neurobiology	ILS	7, 8	1
		Attachment theory, modeling	ILS	7, 8	1
		Committee exam		1-8	1
		Post-exam discussion session	RS	1-8	1
		Final theoretical exam		1-8	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	7.2	1-8	PC1, PC3, PC4, PC7, PC9
	2	Final theoretical exam	5.45	1-8	PC1, PC3, PC4, PC7, PC9

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	44	44x1
Preparation for the theoretical course	44	44x0.5
Preparation for the committee exam	1	1x10
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x6
Final theoretical exam	1	1x1
Total Workload		85
Estimated ECTS Credit		2.83
Approximate ECTS Credit		~3

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC100 - CS2	Dental Anatomy and Morphology		Compulsory	1	1
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	-	1	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
17	0	0	0	0	1	16

Learning Outcomes of the Committee	Upon completing this committee, students will be able to;													
	LO 1	Use appropriate terminology to describe the teeth and surrounding tissues.												
	LO 2	Number primary and permanent teeth according to different notation systems.												
	LO 3	Identify and name the anatomical structures of the crown, root, and root canal morphology of permanent teeth, and distinguish the teeth from one another.												
	LO 4	Describe the relationships between teeth in the same and opposing arches.												
	LO 5	Identify the morphological characteristics of primary teeth and distinguish them from permanent teeth.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 2	2	1	1	1	1	1	1	1	1	1	1	1	1
	LO 3	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 4	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 5	2	2	1	1	1	1	1	1	1	1	1	1	1

Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good

Committee Description	This committee introduces the anatomical structure of teeth, their morphological characteristics, and commonly used tooth-numbering systems. Students acquire the fundamental knowledge required for future clinical courses by learning the morphology of permanent and primary teeth, as well as their relationships within the dental arch and with opposing teeth.
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Committee Objectives	Objective 1	To teach the basic terminology used in dentistry
	Objective 2	To provide knowledge of anatomical axes and planes
	Objective 3	To introduce different tooth numbering systems used worldwide and teach them comparatively
	Objective 4	To teach the crown, root, and pulp anatomy of permanent and primary teeth
	Objective 5	To explain the positions of teeth within the dental arch and their interrelationships
	Objective 6	To describe the occlusal relationships between teeth and their antagonists in the opposing arch
	Objective 7	To provide the fundamental anatomical knowledge required for accurate tooth identification and positioning in clinical practice.

Textbook / Resources	Resource 1	Hilton Riquieri(2019). Dental Anatomy and Morphology, Quintessence Publishing,Baskı.1, İstanbul
	Resource 2	Nelson SJ, Ash MM (2010). Wheeler's Dental Anatomy, Physiology and Occlusion, Elsevier
	Resource 3	Scheid RC, Weiss G (2012). Woelfel' s Dental Anatomy. 8th Edition. Williams & Wilkins, a Wolters Kluwer Business, USA.
	Resource 4	Dean J (2021) .McDonald and Avery's Dentistry for the Child and Adolescent, 6th Edition. Elsevier, Amsterdam.
	Resource 5	Lecture notes

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Prosthetic Dentistry	Introduction to dental anatomy and terminology	ILS	1-3,5	2
	Dentomaxillofacial Radiology	Dental notation systems	ILS	1-3,5	1
	Permanent Teeth				
	Prosthetic Dentistry	Morphologies of maxillary central and lateral	ILS	1-3,5	2
		Morphologies of mandibular central and lateral	ILS	1-3,5	1
		Morphologies of maxillary and mandibular canine	ILS	1-3,5	1
		Morphologies of maxillary premolars	ILS	1-3,5	1
		Morphologies of mandibular premolars	ILS	1-3,5	1
		Morphology of maxillary 1st molar	ILS	1-3,5	1
		Morphology of mandibular 1st molar	ILS	1-3,5	1
		Morphologies of maxillary and mandibular 2nd molar	ILS	1-3,5	1
		Dental arch morphology	ILS	1-3,5	1
	Endodontics	Pulp anatomies of permanent teeth	ILS	1-3,5	1
	Primary Teeth				
	Pedodontics	Morphological structures of primary teeth	ILS	4,5	2
	Multidisciplinary	Committee exam		1-5	1
		Post-exam discussion session	RS	1-5	1
		Final theoretical exam		1-5	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	3	1-5	PC1, PC2
	2	Final theoretical exam	2,27	1-5	PC1, PC2

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	16	16x1
Preparation for the theoretical course	16	16x0,5
Preparation for the committee exam	1	1x10
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x5
Final theoretical exam	1	1x1
Total Workload		42
Estimated ECTS Credit		1.4
Approximate ECTS Credit		-1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC100 - CS3	Dental Tissues and Material Science		Compulsory	1	2
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	-	1	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
22	0	0	0	0	1	21

Learning Outcomes of the Committee	Upon completing this committee, students will be able to;				
LO 1	Classify dental materials according to their intended use and use appropriate terminology to explain their properties.				
LO 2	Identify the teeth and surrounding tissues, and describe their developmental processes and the factors affecting these processes.				

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
LO 1	2	1	1	4	1	1	1	1	1	1	1	1	1	1
LO 2	2	3	1	1	1	1	1	1	1	1	1	1	1	1

Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good

Committee Description	This committee covers the basic materials used in dentistry, as well as the histological and biochemical structure of teeth and surrounding tissues. Students gain knowledge of the properties of dental materials and the development of oral and dental tissues.
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Committee Objectives	Objective 1	To introduce the types and properties of basic dental materials used in dentistry
	Objective 2	To explain the structure, applications, and differences of dental gypsum, wax, acrylic resins, and metal alloys
	Objective 3	To introduce the histological structure and developmental processes of teeth and surrounding tissues
	Objective 4	To teach dental embryology and the stages of formation of teeth and surrounding tissues
	Objective 5	To explain the biochemical characteristics of oral and dental tissues
	Objective 6	To provide the foundational knowledge of dental material required in clinical practice.

Textbook / Resources	Resource 1	Sakaguchi RL, Powers JM (2019). Craig's Restorative Dental Materials. 14. ed. Elsevier Mosby, St. Louis.
	Resource 2	Anusavice KJ, Shen C, Rawls HR (2021). Phillips' Science of Dental Materials. 13. ed. St. Louis: Elsevier Inc.
	Resource 3	Berkovitz BK, Holland GR, Moxham, BJ (2017). Oral Anatomy, Histology and Embryology. Elsevier Health Sciences.
	Resource 4	Newman M, Takei H, Klokkevold P, Carranza F (2019). Clinical Periodontology. 13th ed.Elsevier.
	Resource 5	Can G, Ersoy AE, Aksu ML (2015). Diş Hekimliğinde Maddeler Bilgisi. 2. baskı. Yurtmim Yayıncılık, Ankara.
	Resource 6	Alaçam T (2012). Endodonti. Adana: Nobel Yayınevi.
	Resource 7	Hargreaves KM, Berman LH (2015). Cohen's Pathways of the Pulp. Elsevier Health Sciences.
	Resource 8	Torres CRG (2019). Modern Operative Dentistry: Principles for Clinical Practice. Springer Nature.
	Resource 9	Mescher AL. Junqueira Temel Histoloji Konu ve Atlas (2019). Güneş Tıp Kitapevleri, Ankara.
	Resource 10	Arola DD, Gao S, Zhang H, Masri R (2017). The tooth: its structure and properties. Dental Clinics, 61(4), 651-668.
	Resource 11	Yılmaz T (2012). Ağız ve Diş Biyokimyası A.Ü. Yayınevi.
	Resource 12	Heymann HO, Swift EJ, Ritter AV (2016) Sturdevant's Art & Science of Operative Dentistry. 7th ed. Elsevier Health Sciences.
	Resource 13	Langman Medikal Embriyoloji (2017). 13. baskı. Palme Yayıncılık, Ankara.
	Resource 14	Lecture Notes

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Material Science				
Prosthetic Dentistry		Material science and terminology	ILS	1,2,5,14	2
		Gypsum and its products	ILS	1,2,5,13,14	1
		Dental waxes	ILS	1,2,5,13,14	1
		Acrylic resin	ILS	1,2,5,8,13,14	1
		Metals and alloys	ILS	1,2,5,13,14	1
Committee Content	Dental Tissues				
	Histology and Embryology	Embryology of the tooth	ILS	3, 14	2
		Histology of enamel	ILS	3,9,10,12,14	1
	Restorative Dentistry	Histology of dentin	ILS	3, 9, 10,12,14	1
		Gingival epithelium, connective tissue	ILS	4,7,10,14	2
	Periodontology	Cementum, periodontal ligament, alveolar bone	ILS	3,9,10,14	1
		Histophysiology of the pulp	ILS	3,6,7,9,14	1
	Endodontics	Periapical tissues	ILS	6,7,14	1
		Tissues of oral cavity	ILS	3,4,9,14	1
	Biochemistry	Structure of enamel, dentin and cementum	ILS	3,9,10,14	2
		Inorganic structure of the tooth and bone	ILS	10,11,14	2
	Multidisciplinary	Committee exam		1-14	1
		Post-exam discussion session	RS	1-14	1
		Final theoretical exam		1-14	1

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
1	Committee exam	3	1-14	PC1, PC2, PC4
2	Final theoretical exam	2.27	1-14	PC1, PC2, PC4

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	20	20x1
Preparation for the theoretical course	20	20x0.5
Preparation for the committee exam	1	1x10
Committee exam	1	1x1

Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x5
Final theoretical exam	1	1x1
Total Workload		48
Estimated ECTS Credit		1.6
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC100 - BMS1	Cellular Base of Life		Compulsory	3	5
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	-	1	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
64	6	0	0	6	1	63

Learning Outcomes of the Committee	Upon completing this committee, students will be able to;													
	LO 1	Describe the major organic and inorganic compounds found in the body and the basic biochemical relationships among them.												
	LO 2	Explain cellular histology and physiology, and list histochemical techniques.												
	LO 3	Name the anatomical structures that constitute the skeletal system.												
	LO 4	List the fundamental principles of cell division.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 2	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 3	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 4	2	2	1	1	1	1	1	1	1	1	1	1	1

Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good

Committee Description	This committee provides an overview of the functioning of life at the cellular level by examining the structure and basic components of the cell from biochemical, histological, and physiological perspectives. It also addresses genetic information transfer, cellular anomalies, and the anatomical features of the bones of the body and head and neck region.
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Committee Objectives	Objective 1	To provide an understanding the basic components that make up the structure of the cell from biochemical, histological, and physiological perspectives
	Objective 2	To explain the relationship between cellular structure and function
	Objective 3	To describe the structure and function of genetic material and the mechanisms of hereditary information transfer
	Objective 4	To define structural and functional anomalies occurring at the cellular level
	Objective 5	To teach the major skeletal structures of the human body and their anatomical characteristics
	Objective 6	To describe the location, joint relationships, and anatomical details of the bones in the head and neck region
	Objective 7	To integrate the acquired biological, histological, and anatomical knowledge as a foundation for clinical applications in dentistry.

Textbook / Resources	Resource 1	Nelson DL, Cox MM. (2017). Lehninger Principles of Biochemistry. 7th ed. WH Freeman and Company
	Resource 2	Rodwell VV, Bender D, Botham KM, Kennelly PJ, Weil PA. (2003). Harper's Illustrated Biochemistry. 31th ed. McGraw Hill LLC
	Resource 3	Yılmaz T. (2009). Canlıda Organik Yapı. A.Ü. Yayinevi, Ankara
	Resource 4	Tellingan CV. (2001). Biochemistry. Louis Bolk Instituut, Driebergen
	Resource 5	Stanford Jr. AL. (2013). Foundations of Biophysisc. Academic Press, New York
	Resource 6	Guyton and Hall. (2015). Textbook of Medical Physiology. 13 th ed. Elsevier
	Resource 7	Chandar N, Viselli S. (2010). Cell and Molecular Biology. Wollters Kluwer Health/Lippincott Williams & Wilkins. Baltimore, Philadelphia
	Resource 8	Reece JB. (2011). Campbell biology. 9th ed. Pearson Education, San Francisco, CA
	Resource 9	Brooker RJ. (2019). Concepts of genetics . 3rd ed. McGraw-Hill Education, New York
	Resource 10	Sadler TW. (2011). Langman's Medikal Embriyoloji. Çeviri editörü: Başaklar C. Palme Yayınevi
	Resource 11	Moore KL, Persaud TVN. (2002). İnsan Embriyolojisi: Klinik Yönleri ile. Çeviri editörleri: Yıldırım M, Okar I, Dalgık H. Nobel Tıp Kitabevi
	Resource 12	Ross MH, Pawlina W. (2017). Histoloji Konu Anlatımı ve Atlas. Çeviri editörü: Baykal B. Palme Yayınevi
	Resource 13	Eroschenko VP. (2016). Di Fiore'nin Histoloji Atlası: Fonksiyonel ilişkileriyle. Çeviri editörü: Demir R. Palme Yayınevi
	Resource 14	Kierszenbaum AL, Tres L. (2025). Histology and Cell Biology: An Introduction to Pathology. 6th ed. Elsevier
	Resource 15	Drake RL. (2018). Grays Anatomi Öğrenciler için, 3. baskı. Nobel Tıp Kitabevi
	Resource 16	Waschke J. (2016). Sobotta Anatomi Konu Kitabı. Güneş Tıp Kitabevi
	Resource 17	Lecture Notes

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Biochemistry	Introduction to organic chemistry, atom and molecule concept and hybridization	ILS	1-4,17	2
	Physiology	Introduction to physiology and homeostasis	ILS	6,17	1
	Biophysics	What is biophysics? Subtypes of biophysics	ILS	5,17	1
	Histology and Embryology	Introduction to the science of histology and embryology	ILS	10-14,17	1
		Microscope types and histochemical techniques	ILS	10-14,17	1
	Anatomy	Introduction to the anatomy, latin terminology	ILS	15-17	1
	Medical Biology and Genetics	Introduction to molecular cell biology and macromolecules	ILS	7-9,17	2
	Biochemistry	Organic chemical reactions	ILS	1-4,17	2
		Chemical bonds	ILS	1-4,17	2
		Hydrocarbons	ILS	1-4,17	2
		Aromatic compounds	ILS	1-4,17	1
		Function, group and isomerization in organic compounds	ILS	1-4,17	2
		Oxygenated organic compounds	ILS	1-4,17	2
		Nitrogenous and sulphur containing compounds	ILS	1-4,17	2
	Biophysics	Measuring and measurability	ILS	5,17	1
		Physical dimentions, SI unit system	ILS	5,17	1
	Histology and Embryology	The cell	ILS	10-14,17	2
	Medical Biology and Genetics	Cell membrane and membrane transportation	ILS	7-9,17	2
		Organelles	ILS	7-9,17	2
		Signaling mechanism of cell components	ILS	7-9,17	1
		Genetic information, structure of DNA, structure of RNA, chromatin structure	ILS	7-9,17	2
		Central dogma and DNA replication	ILS	7-9,17	2
	Physiology	Body fluid compartments and its properties	ILS	6,17	1
		Bioelectricity and potentials	ILS	6,17	2
	Biochemistry	Amino acids and derivatives	ILS	1-4,17	1
		Carbohydrates	ILS	1-4,17	1
		Lipids	ILS	1-4,17	1
		Nucleic acids	ILS	1-4,17	2
		Proteins	ILS	1-4,17	1
	Biohysics	Introduction to thermodynamics - rules of thermodynamics	ILS	5,17	1

	Biophysics	Diffusion and osmosis of molecules from cell membrane	ILS	5,17	1
	Medical Biology and Genetics	RNA transcription	ILS	7-9,17	2
		Genetic information flow, protein synthesis	ILS	7-9,17	2
	Anatomy	General information about bones	ILS	15-17	1
		General information about bones, upper extremity bones	ILS	15-17	2
		General information about bones, lower extremity bones	ILS	15-17	1
		Neurocranium	ILS	15-17	2
	Medical Biology and Genetics	Cell divisions: mitosis and meiosis	ILS	7-9,17	2
		The cell cycle and its controls	ILS	7-9,17	1
		Mutagenesis and DNA repair	ILS	7-9,17	1
	Anatomy	Viscerocranium	ILS	15-17	2
		Skull	ILS	15-17	2
		Practical course : Anatomy	ILS	1-17	1
	Multidisciplinary	Committee exam		1-17	1
		Post-exam discussion session	RS	1-17	1
		Final theoretical exam		1-17	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	12	1-17	PC1, PC2
	2	Final theoretical exam	7.69	1-17	PC1, PC2

Limitations on the Use of Artificial Intelligence	***The committee is not open to the use of artificial intelligence–based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	63	63x1
Practical course hour	6	6x1
Preparation for the theoretical course	63	63x0.5
Preparation for the practical course	6	6x0.5
Preparation for the committee exam	1	1x25
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x20
Final theoretical exam	1	1x1
	Total Workload	151.5
	Estimated ECTS Credit	5.05
	Approximate ECTS Credit	~5

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC100 - BMS2	Tissue and Embryology		Compulsory	3	5
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	-	1	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
68	6	0	0	6	1	67

Learning Outcomes of the Committee	Upon completing this committee, students will be able to;					
	LO 1	Identify tissues, list the histological characteristics of the basic tissue types, and distinguish them from one another.				
	LO 2	Describe the electrical model of the cell membrane and explain the principles of visualizing electrical activity.				
	LO 3	Explain the biochemical reactions occurring within and around the cell and list their roles in the organism.				
	LO 4	Identify the anatomy and biochemical structure of muscles and joints.				
	LO 5	Describe the general operating principles of the muscular and nervous systems.				
	LO 6	Describe embryological structures, stages of development, and associated anomalies.				
	LO 7	List the fundamental principles of inheritance.				

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	4	1	1	1	1	1	1	1	1	1	1	1
	LO 2	2	3	1	1	1	1	1	1	1	1	1	1	1
	LO 3	2	3	1	1	1	1	1	1	1	1	1	1	1
	LO 4	2	3	1	1	1	1	1	1	1	1	1	1	1
	LO 5	2	3	1	1	1	1	1	1	1	1	1	1	1
	LO 6	2	3	1	1	1	1	1	1	1	1	1	1	1
	LO 7	2	2	1	1	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee covers the basic characteristics of the tissue types that constitute the human body, embryological developmental processes, and the structural and functional features of the muscular, joint, and nervous systems. It also examines the relationships among these systems from an integrated perspective.
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Committee Content	Objective 1	To teach the general characteristics of different tissue types found in the human body
	Objective 2	To provide an understanding of the electrical properties of the cell membrane and related biophysical processes
	Objective 3	To explain the biochemical reactions that occur at the cellular level and their roles in the organism
	Objective 4	To introduce the anatomical, histological, and biochemical structures of the muscular and joint systems
	Objective 5	To explain the basic working principles of the muscular and nervous systems
	Objective 6	To teach the developmental stages of embryological structures and possible anomalies
	Objective 7	To teach the fundamental principles of inheritance and explain the biological basis of genetic transmission.

Textbook / Resources	Resource 1	Nelson DL, Cox MM. (2017). Lehninger Principles of Biochemistry. 7th ed. WH Freeman and Company
	Resource 2	Rodwell VW, Bender D, Botham KM, Kennelly PJ, Weil PA. (2003). Harper's Illustrated Biochemistry. 31th ed. McGraw Hill LLC
	Resource 3	Yilmaz T (2009). Cantlida Organik yapı. A.Ü. Yayınevi, Ankara
	Resource 4	Tellingan CV (2001). Biochemistry. Louis Bolk Instituut, Driebergen
	Resource 5	Stanford Jr. Al (2013). Foundations of Biophysisc. Academic Press, New York
	Resource 6	Guyton and Hall (2015). Textbook of Medical Physiology. 13 th ed. Elsevier
	Resource 7	Reece JB (2011) Campbell biology. 9th ed. Pearson , San Francisco
	Resource 8	Chandar N, Viselli S (2010) Cell and Molecular Biology. Wolters Kluwer Health/Lippincott Williams & Wilkins. Baltimore, Philadelphia
	Resource 9	Brooker R.J.(2019) Concepts of genetics . 3rd ed. McGraw-Hill Education, New York
	Resource 10	Sadler TW. (2011). Langman's Medikal Embriyoloji. Çeviri editörü: Başaklar C. Palme Yayınevi
	Resource 11	Moore KL, Persaud TVN. (2002). İnsan Embriyolojisi: Klinik Yönleri ile. Çeviri editörleri: Yıldırım M, Okar I, Dalçık H. Nobel Tıp Kitabevi
	Resource 12	Drake R.L. (2018) Grays Anatomi Öğrenciler için, 3. baskı. Nobel Tıp Kitabevi
	Resource 13	Waschke J. (2016) Sobotta Anatomi Konu Kitabı. Güneş Tıp Kitabevi
	Resource 14	Lecture Notes

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☑	☑	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Histology and Embryology	Epithelial tissue, surface epithelium, glandular epithelium	ILS	10,11,14	2
		Membrane model and origin of membrane potential	ILS	5,14	1
	Biophysics	Properties of excitable membranes	ILS	5,14	1
		Ion channels and ion exchange kinetics	ILS	5,14	1
	Histology and Embryology	Connective tissue	ILS	10,11,14	2
		Enzymes	ILS	1-4,14	3
	Biochemistry	Extracellular matrix biochemistry	ILS	1-4,14	2
		General information of joints, upper extremity joints	ILS	12-14	2
	Anatomy	General information of joints, lower extremity joints	ILS	12-14	1
		Joints of the cranium and jaw joint	ILS	12-14	2
	Histology and Embryology	Types of cartilage tissue	ILS	10,11,14	1
		Fundamentals of radiation biophysics and radiation hazards	ILS	5,14	2
	Biophysics	Imaging techniques	ILS	5,14	2
		Bone tissue	ILS	10,11,14	2
	Histology and Embryology	Muscle tissue	ILS	10,11,14	2
		Striated muscle physiology	ILS	6,14	2
	Physiology	Smooth muscle physiology	ILS	6,14	1
		Mechanics of muscle contraction and EMG	ILS	5,14	1
	Anatomy	General information about muscles	ILS	12-14	1
		Neck muscles	ILS	12-14	2
		Muscles of the face and masticatory muscles	ILS	12-14	2
		Practical course : Anatomy	KRS	12-14	6
	Biochemistry	Muscle tissue biochemistry	ILS	1-4,14	2
	Histology and Embryology	Nervous tissue and nervous system	ILS	10,11,14	2
		Central and peripheral nerve physiology	ILS	6,14	1
	Physiology	Synaptic transmission	ILS	6,14	1
		Neurotransmitters	ILS	6,14	1
	Biophysics	Action potential in the nerve cell and EEG	ILS	5,14	2

	Biophysics	Electrical signal recording	ILS	5,14	1
	Histology and Embriology	Introduction to embryology and terminology	ILS	10,11,14	1
		Gametogenesis, oogenesis and ovarian cycle	ILS	10,11,14	2
		Gametogenesis, spermatogenesis	ILS	10,11,14	2
		The beginning of human development: Week 1	ILS	10,11,14	1
		Bilaminar germ disk formation: Week 2	ILS	10,11,14	1
		Formation of germ layers: Week 3	ILS	10,11,14	1
		Fetus and placenta	ILS	10,11,14	2
		Multiple pregnancy, conjoined and parasitic twins	ILS	10,11,14	1
		Human structural defects, teratogens	ILS	10,11,14	1
	Medical Biology and Genetics	Chromosomal anomalies	ILS	7-9,14	2
		Mendelian inheritance	ILS	7-9,14	2
		Nonmendelian inheritance	ILS	7-9,14	2
		Molecular basis of diseases and cancer genetics	ILS	7-9,14	2
	Biochemistry	Biochemistry of inorganic compounds	ILS	1-4,14	2
	Multidisciplinary	Committee exam		1-14	1
		Post-exam discussion session	RS	1-14	1
		Final theoretical exam		1-14	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	12	1-14	PC1, PC2
	2	Final theoretical exam	7.69	1-14	PC1, PC2

Limitations on the Use of Artificial Intelligence	***The committee is not open to the use of artificial intelligence–based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	67	67x1
Practical course hour	6	6x1
Preparation for the theoretical course	67	67x0.5
Preparation for the practical course	6	6x0.5
Preparation for the committee exam	1	1x30
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x10
Final theoretical exam	1	1x1
Total Workload		152.5
Estimated ECTS Credit		5.08
Approximate ECTS Credit		~5

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC100 - BMS3	Cardiovascular System and Respiratory System		Compulsory	1	3
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	-	Year 1	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
46	3	0	0	3	1	45

Learning Outcomes of the Committee	Upon completing this committee, students will be able to;													
	LO 1	Name the basic anatomical structures of the respiratory and circulatory systems.												
	LO 2	List the histological characteristics of the structures that constitute the respiratory and circulatory systems.												
	LO 3	Identify blood cells and list their functions.												
	LO 4	Describe the functional mechanisms of the respiratory and circulatory systems.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 2	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 3	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 4	2	2	1	1	1	1	1	1	1	1	1	1	1

Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good

Committee Description	This committee provides instruction on the structural and functional characteristics of the systems responsible for oxygen transport, gas exchange, and the regulation of circulation in the human body
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Committee Objectives	Objective 1	To introduce the basic anatomical structures of the respiratory and cardiovascular systems
	Objective 2	To teach the histological characteristics of the tissues forming these systems
	Objective 3	To explain the types and basic functions of blood cells
	Objective 4	To teach the physiological and biophysical mechanisms of the respiratory and circulatory systems.

Textbook / Resources	Resource 1	Nelson DL, Cox MM. Lehninger Principles of Biochemistry. 7th ed. WH Freeman and Company, 2017.
	Resource 2	Rodwell VW et al. Harper's Illustrated Biochemistry. 31st ed. McGraw Hill LLC, 2003.
	Resource 3	Yilmaz T. Organic Structure in Living Organisms. Ankara University Press, 2009.
	Resource 4	Tellingan CV. Biochemistry. Louis Bolk Institute, 2001.
	Resource 5	Stanford Jr AL. Foundations of Biophysics. Academic Press, 2013.
	Resource 6	Guyton & Hall. Textbook of Medical Physiology. 13th ed. Elsevier, 2015.
	Resource 7	Sadler TW. Langman's Medical Embryology. Palme Publishing, 2011.
	Resource 8	Moore KL, Persaud TVN. The Developing Human: Clinically Oriented Embryology. Nobel Medical Bookstore, 2002.
	Resource 9	Ross MH, Pawlina W. Histology: A Text and Atlas. Palme Publishing, 2017.
	Resource 10	Eroschenko VP, Di Fiore's Atlas of Histology with Functional Correlations. Palme Publishing, 2016.
	Resource 11	Kierszenbaum AL, Tres L. Histology and Cell Biology. 6th ed. Elsevier, 2025.
	Resource 12	Drake RL. Gray's Anatomy for Students. 3rd ed. Nobel Medical Bookstore, 2018.
	Resource 13	Waschke J. Sobotta Anatomy Textbook. Güneş Medical Bookstore, 2016.
	Resource 14	Lecture notes.

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☑	☑	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐

Committee Content	Department	Topic	Activity	References	Hours
	Biochemistry	Water and water metabolism	ILS	1-4,14	2
		Blood proteins	ILS	1-4,14	2
	Physiology	The functions and physical and chemical properties of blood	ILS	6,14	1
	Histology and Embriology	Peripheral blood cells	ILS	7-11,14	2
	Physiology	Erythrocyte functions	ILS	6,14	1
		Leukocyte functions	ILS	6,14	2
		Functions of platelets and clotting	ILS	6,14	1
	Histology and Embriology	Histology of heart and blood vessels	ILS	7-11,14	2
	Physiology	Physiological properties of the cardiac muscle	ILS	6,14	1
		Specialised warning and conduction system of the heart system of the heart	ILS	6,14	1
		Cardiac cycle and pressure-volume loop analysis	ILS	6,14	1
	Biophysics	Cardiac action potential and ECG	ILS	5,14	1
	Anatomy	Heart, pericardium	ILS	12-14	3
		Mediastinum, major vessels	ILS	12-14	1
	Biophysics	Hemodynamic principles	ILS	5,14	2
	Physiology	Regulation of arterial blood pressure	ILS	6,14	1
		Regulation of cardiac output and venous circulation	ILS	6,14	1
	Histology and Embriology	Primary lymphoid organs	ILS	7-11,14	2
		Secondary lymphoid organs	ILS	7-11,14	2
	Anatomy	Lymphoid system	ILS	12-14	1
	Histology and Embriology	Respiratory system	ILS	7-11,14	2
	Anatomy	Introduction to respiratory physiology and respiratory mechanics	ILS	6,14	2
		Nose and sinus paranasal sinuses	ILS	12-14	2
		Pharynx	ILS	12-14	1
		Larynx	ILS	12-14	1
		Trachea, lungs and pleura	ILS	12-14	1
		Diaphragm	ILS	12-14	1
		Thoracic wall	ILS	12-14	1
		Gas exchange in the lungs, ventilation-perfusion relationships	ILS	6,14	1
	Physiology	Regulation of respiration	ILS	6,14	1
		Root of the neck	ILS	12-14	1
	Anatomy	Practical session: Anatomy	KRS	12-14	3
	Biophysics	Perception and psychophysical laws	ILS	5,14	1
	Multidisciplinary	Committee exam		1-14	1
		Post-exam discussion session	RS	1-14	1
		Final theoretical exam		1-14	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	7.8	1-14	PC1, PC2
	2	Final theoretical exam	5	1-14	PC1, PC2

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	45	45x1
Practical course hour	3	3x1
Preparation for the theoretical course	45	45x0.5
Preparation for the practical course	3	3x0.5
Preparation for the committee exam	1	1x15
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x5
Final theoretical exam	1	1x1
Total Workload		95
Estimated ECTS Credit		3.16
Approximate ECTS Credit		~3

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC100 - BMS4	Gastrointestinal System and Metabolism		Compulsory	2	4
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	-	1	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
58	6	0	0	6	1	57

Learning Outcomes of the Course	Upon completing this committee, students will be able to;													
	LO 1	Identify the organs and structures of the gastrointestinal system at macroscopic and microscopic levels.												
	LO 2	List the functions of the gastrointestinal system.												
	LO 3	Relate the components of the gastrointestinal system to biochemical absorption mechanisms.												
	LO 4	Explain the metabolism of basic organic compounds.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 2	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 3	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 4	2	2	1	1	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee explains the structure and function of the digestive system at the cellular, tissue, and system levels. It examines the processes involved in nutrient digestion through metabolism and how these processes contribute to the body's energy balance.
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Committee Objectives	Objective 1	To introduce the general structure and function of the digestive system in the human body
	Objective 2	To teach the basic biological and physiological characteristics of the organs involved in the digestive process
	Objective 3	To explain the processes of digestion, absorption, and metabolism of nutrients
	Objective 4	To provide an understanding of the role of the gastrointestinal system in the body's energy balance.

Textbook / Resources	Resource 1	Nelson DL, Cox MM. (2017) Lehninger Principles of Biochemistry. 7th ed. WH Freeman and Company
	Resource 2	Rodwell VW, Bender D, Botham KM, Kennelly PJ, Weil PA. (2003). Harper's Illustrated Biochemistry. 31th ed. McGraw Hill LLC
	Resource 3	Yılmaz T (2009). Canlıda Organik yapı. A.Ü. Yayınevi, Ankara
	Resource 4	Tellingan CV (2001). Biochemistry. Louis Bolk Instituut, Driebergen
	Resource 5	Guyton and Hall (2015). Textbook of Medical Physiology. 13 th ed. Elsevier
	Resource 6	Sadler TW. (2011). Langman's Medikal Embriyoloji. Çeviri editörü: Başaklar C. Palme Yayınevi
	Resource 7	Moore KL, Persaud TVN. (2002). İnsan Embriyolojisi: Klinik Yönleri ile. Çeviri editörleri: Yıldırım M, Okar I, Dalçık H. Nobel Tıp Kitabevi
	Resource 8	Ross MH, Pawlina W. (2017). Histoloji Konu Anlatımı ve Atlas. Çeviri editörü: Baykal B. Palme Yayınevi
	Resource 9	Eroschenko VP. (2016). Di Fiore'nin Histoloji Atlası: Fonksiyonel ilişkileriyle. Çeviri editörü: Demir R. Palme Yayınevi
	Resource 10	Kierszenbaum AL, Tres L. (2025). Histology and Cell Biology: An Introduction to Pathology. 6th ed. Elsevier
	Resource 11	Drake R.L. (2018) Grays Anatomi Öğrenciler için. 3. baskı. Nobel Tıp Kitabevi
	Resource 12	Waschke J. (2016) Sobotta Anatomi Konu Kitabı. Güneş Tıp Kitabevi
	Resource 13	Ders notları

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☑	☑	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Histology and Embryology	Pharyngeal complex, development of the head and neck		6-10,13	2
	Physiology	Introduction to digestive physiology, mastication and deglutition		5,13	1
	Histology and Embryology	Oral cavity and associated structures		6-10,13	1
	Anatomy	Oral cavity		11-13	2
	Physiology	Gastrointestinal motility		5,13	1
	Biochemistry	What is nutrition? Digestion, absorption, and transport of nutrients		1-4,13	1
		Introduction to vitamins		1-4,13	1
		Vitamins, water-soluble vitamins		1-4,13	2
		Vitamins, fat-soluble vitamins		1-4,13	2
		Bioenergetics		1-4,13	1
	Physiology	Secretory functions of the gastrointestinal system		5,13	1
		Structure of saliva and sense of taste		5,13	1
	Anatomy	Esophagus and stomach		11-13	1
		Duodenum, jejunum, ileum		11-13	1
		Large intestine		11-13	1
		Liver and gall bladder		11-13	1
		Pancreas and spleen		11-13	1
	Histology and Embryology	General structure of digestive system		6-10,13	1
		Esophagus and stomach histology		6-10,13	2
		Small and large intestine histology		6-10,13	1
		Liver and pancreas histology		6-10,13	2
	Biochemistry	Digestion and absorption of carbohydrates		1-4,13	1
		Glycolysis and the TCA cycle		1-4,13	1
		Glycogenesis and glycogenolysis		1-4,13	1
		Other ways of carbohydrate metabolism		1-4,13	3
	Physiology	Gastrointestinal digestion		5,13	1
		Gastrointestinal absorption		5,13	1
	Biochemistry	Digestion and absorption of the lipids		1-4,13	3
		Synthesis and beta-oxidation of fatty acids		1-4,13	2
		Cholesterol metabolism		1-4,13	1
	Anatomy	Portal System & vessels & nerves of GIS		11-13	2
		Peritoneum, omentum majus&minus		11-13	1
	Biochemistry	Disorders of fat and cholesterol metabolism		1-4,13	2
		Ketone bodies and alcohol metabolism		1-4,13	1
		Digestion and absorption of proteins		1-4,13	1
		Biogenamines		1-4,13	1
	Anatomy	Posterior abdominal wall & great vessels		11-13	1
		Anterior abdominal wall & inguinal canal		11-13	2

	Biochemistry	Practical course: Anatomy		11-13	6
		Protein metabolism		1-4,13	2
		Amino acid metabolism		1-4,13	2
		Digestive hormones		1-4,13	2
	Multidiciplinary	Committee exam		1-13	1
		Post-exam discussion session		1-13	1
		Final theoretical exam		1-13	1

Evaluation Criteria		Method	Contr. (%)	Source	Measured Outcomes
	1	Committee exam	7.8	1-13	PC1, PC2
	2	Final theoretical exam	5	1-13	PC1, PC2

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	57	57x1
Practical course hour	6	6x1
Preparation for the theoretical course	57	57x0.5
Preparation for the practical course	6	6x0.5
Preparation for the committee exam	1	1x20
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x5
Final theoretical exam	1	1x1
	Total Workload	122.5
	Estimated ECTS Credit	4.08
	Approximate ECTS Credit	~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC100 - BMS5	Urogenital System and Endocrine System		Compulsory	1	3
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	-	1	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
43	4	0	0	4	1	42

Learning Outcomes of the Committee	Upon completing this committee, students will be able to;													
	LO 1	Describe the organs and structures of the urogenital and endocrine systems at macroscopic and microscopic levels.												
	LO 2	List the functions of the urogenital and endocrine systems.												
	LO 3	List the biochemical characteristics of fluid-electrolyte balance and acid-base balance.												
	LO 4	Describe the biochemical structures and physiological functions of endocrine hormones.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 2	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 3	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 4	2	2	1	1	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee addresses the structural, functional, and biochemical aspects of the urogenital and endocrine systems. It examines urine formation, hormonal regulation, fluid-electrolyte balance, and the basic functioning of the reproductive systems.													
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Committee Objectives	Objective 1	To provide an understanding of the structure, function, and biochemical properties of the urogenital and endocrine systems												
	Objective 2	To introduce the anatomical and histological structures of the organs of the urogenital system												
	Objective 3	To teach the hormones, secretory mechanisms, and physiological effects of the endocrine system												
	Objective 4	To explain the biochemical basis of fluid-electrolyte balance and acid-base regulation												
	Objective 5	To provide an understanding of the role of the urogenital and endocrine systems in maintaining homeostatic balance in the body.												

Textbook / Resources	Resource 1	Nelson DL, Cox MM. (2017) Lehninger Principles of Biochemistry. 7th ed. WH Freeman and Company												
	Resource 2	Rodwell VW, Bender D, Botham KM, Kennelly PJ, Weil PA. (2003). Harper's Illustrated Biochemistry. 31th ed. McGraw Hill LLC												
	Resource 3	Yılmaz T (2009). Canlıda Organik yapı. A.Ü. Yayınevi, Ankara												
	Resource 4	Telling CV (2001). Biochemistry. Louis Bolk Instituut, Driebergen												
	Resource 5	Guyton and Hall (2015). Textbook of Medical Physiology. 13 th ed. Elsevier												
	Resource 6	Sadler TW. (2011). Langman's Medikal Embriyoloji. Çeviri editörü: Başaklar C. Palme Yayınevi												
	Resource 7	Moore KL, Persaud TVN. (2002). İnsan Embriyolojisi: Klinik Yönleri ile. Çeviri editörleri: Yıldırım M, Okar I, Dalgık H. Nobel Tıp Kitabevi												
	Resource 8	Ross MH, Pawlina W. (2017). Histoloji Konu Anlatımı ve Atlas. Çeviri editörü: Baykal B. Palme Yayınevi												
	Resource 9	Eroschenko VP. (2016). Di Fiore'nin Histoloji Atlası: Fonksiyonel ilişkileriyle. Çeviri editörü: Demir R. Palme Yayınevi												
	Resource 10	Kierszenbaum AL, Tres L. (2025). Histology and Cell Biology: An Introduction to Pathology. 6th ed. Elsevier												
	Resource 11	Drake RL. (2018) Grays Anatomi Öğrenciler için, 3. baskı. Nobel Tıp Kitabevi												
	Resource 12	Waschke J. (2016) Sobotta Anatomi Konu Kitabı. Güneş Tıp Kitabevi												
	Resource 13	Ders notları												

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject		Activities		Resource		Hour
	Histology and Embryology	Urinary System		ILS		6-10,13		2
	Biochemistry	Urea Synthesis and Metabolism Disorders		ILS		1-4,13		2
	Physiology	Introduction to urinary system physiology and renal circulation		ILS		5,13		1
	Anatomy	Kidneys, Ureters		ILS		11-13		2
	Physiology	Urinary concentration and excretion		ILS		5,13		1
		Reabsorption, secretion and clearance concept in renal tubules		ILS		5,13		1
		Acid-Base Balance		ILS		5,13		1
	Anatomy	Bladder, Urethra		ILS		11-13		1
		Pelvis, Perineum		ILS		11-13		2
	Histology and Embryology	The Female reproductive system		ILS		6-10,13		2
	Anatomy	Female Genital Organs		ILS		11-13		2
	Physiology	Physiology of the female genital system hormones		ILS		5,13		1
	Histology and Embryology	The Male reproductive system		ILS		6-10,13		2
	Anatomy	Male Genital Organs		ILS		11-13		2
	Physiology	Physiology of the male genital system hormones		ILS		5,13		1
	Histology and Embryology	Endocrine System		ILS		6-10,13		2
	Anatomy	Thyroid, Parathyroid Glands, Adrenal Glands, and Thymus		ILS		11-13		1
		Practical Course: Anatomy		KRS		11-13		4
	Biochemistry	Control of Metabolism and Hormone Biochemistry		ILS		1-4,13		1
	Physiology	Hormones of Pituitary Gland and Hypothalamus		ILS		5,13		2
		Physiology of the thyroid hormones		ILS		5,13		1
	Biochemistry	Pituitary and hypothalamus hormones		ILS		1-4,13		1
		Thyroid hormones		ILS		1-4,13		2
	Physiology	Regulation of calcium metabolism		ILS		5,13		1
		Physiology of the endocrine pancreas		ILS		5,13		1
		Physiology of the adrenal gland hormones		ILS		5,13		1
	Biochemistry	Sex hormones		ILS		1-4,13		2
		Calcium and phosphate biochemistry		ILS		1-4,13		2
		Hormones of the adrenal medulla and cortex		ILS		1-4,13		2
	Multidisciplinary	Committee exam				1-13		1
		Post-exam discussion session		KS		1-13		1
		Final theoretical exam				1-13		1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	7.2	1-13	PC1, PC2
	2	Final theoretical exam	4.62	1-13	PC1, PC2

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	42	42x1
Practical course hour	4	4x1
Preparation for the theoretical course	42	42x0.5
Preparation for the practical course	4	4x0.5
Preparation for the committee exam	1	1x15
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x5
Final theoretical exam	1	1x1
Total Workload		92
Estimated ECTS Credit		3.06
Approximate ECTS Credit		~3

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
DPC100	1st Year Practical Committee		Compulsory	5	10
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Face to face	-	1	Academic year	80%

Weekly Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	80	0	0	80	0	0

Learning Outcomes of the Course	Upon completing this course, students will be able to;	
	LO 1	Distinguish and identify teeth according to dental numbering systems.
	LO 2	Distinguish permanent teeth based on crown and root morphology.
	LO 3	Manipulate three-dimensional models of permanent teeth using different materials.
	LO 4	Position teeth within the dental arch and represent their dimensional and contact relationships in a three-dimensional model.
	LO 5	Manipulate different dental materials according to their properties.
	LO 6	Evaluate peers' performance using specified criteria in collaboration with team members.

The Relationship Between Learning Outcomes and Program Competencies	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	2	1	1	1	1	1	1	1	1	1	1
	LO 2	2	2	1	1	1	1	1	1	1	1	1	1
	LO 3	2	1	1	3	1	2	1	1	1	1	1	1
	LO 4	2	1	1	1	1	2	1	1	1	1	1	1
	LO 5	2	1	1	3	1	1	1	1	1	1	1	1
	LO 6	1	1	1	1	1	1	1	1	1	3	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good													

Course Description	This course provides practical training in the morphological characteristics of permanent teeth and their three-dimensional modeling. It also introduces the basic properties and application principles of dental materials, supporting the development of students' manual skills and practical competence.
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Course Objectives	Objective 1	To develop students' three-dimensional thinking, cognitive, and psychomotor skills through the use of different materials
	Objective 2	To teach the practical modeling of crown and root morphologies of permanent teeth
	Objective 3	To explain the intra-arch and inter-arch relationships of teeth
	Objective 4	To teach the physical and chemical properties and manipulation of materials used in the dental laboratory.

Textbook / Resources	Resource 1	Yavuzylmaz H (2007). Dental Morphology, Physiology, and Occlusion. Gazi University
	Resource 2	Nelson SJ (2015). Wheeler's Dental Anatomy, Physiology and Occlusion, Elsevier, 10th Edition.
	Resource 3	Demonstration videos
	Resource 4	Lecture notes

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Peer Assessment	Report Preparation	Team / Group Work	Brainstorming
	☒	☐	☐	☒	☐	☒	☐	☐	☒	☐	☒	☐

Course Content	Department	Subject	Activities	Resource	Hour
	Prosthetic Dentistry	Manipulation of maxillary central and lateral	ILS	1-4	4
		Manipulation of mandibular central and lateral	ILS	1-4	4
		Manipulation of maxillary and mandibular canines	ILS	1-4	4
		Manipulation of maxillary premolars	ILS	1-4	4
		Manipulation of mandibular premolars	ILS	1-4	4
		Manipulation of maxillary first molar	ILS	1-4	8
		Manipulation of mandibular first molar	ILS	1-4	8
		Manipulation of maxillary and mandibular second molars	ILS	1-4	4
		Manipulation of anterior dental arch	ILS	1-4	4
		Manipulation of posterior dental arch	ILS	1-4	4
		Manipulation of dental plaster	ILS	1-4	4
		Manipulation of dental wax	ILS	1-4	4
		Manipulation of acrylic resin	ILS	1-4	8
		Manipulation of dental wire	ILS	1-4	4
		Quizzes		1-4	8
		Peer evaluation by using rubrics	KRS	1-4	4
		Final practical examination		1-4	3

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
	1 Homework	35	1-4	PC1, PC2, PC4, PC6, PC12
	2 Quiz	15	1-4	PC1, PC2, PC4, PC6, PC12
	3 Final practical examination	50	1-4	PC1, PC2, PC4, PC6, PC12

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hour	20	20x4
Preparation for the practical course	20	20x2
Homework	20	20x8
Preparation for the final practical examination	1	1x10
Final practical examination	1	1x3
Total Workload		293
Estimated ECTS Credit		9.76
Approximate ECTS Credit		~10

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
ITE 100	Information Technologies in Dentistry		Compulsory	1	2
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Online		1	Spring Term	-

Weekly Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
14	-	-	0	0	0	14

Learning Outcomes of the Course	Upon completing this course, students will be able to;	
	LO 1	Use contemporary and fundamental information technologies effectively.
	LO 2	Explain the fundamental concepts related to information technologies.
	LO 3	Recognize the importance of electronic data management.
	LO 4	Identify the components that are important for privacy.
	LO 5	Discuss the advantages and disadvantages of communicating in virtual environments.
	LO 6	Explain the concept of a web browser and use a browser.
	LO 7	Explain the fundamental concepts related to programming.

The Relationship Between Learning Outcomes and Program Competencies	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	1	1	1	1	1	1	1	1	1	3	1	1
	LO 2	1	1	1	1	1	1	1	1	1	3	1	1
	LO 3	1	1	1	1	1	1	1	1	3	3	1	1
	LO 4	1	1	1	1	1	1	1	1	1	3	1	1
	LO 5	1	1	1	1	1	1	1	1	1	3	1	1
	LO 6	1	1	1	1	1	1	1	1	1	3	1	1
	LO 7	1	1	1	1	1	1	1	1	1	3	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good													

Course Description	This course introduces students to the fundamental concepts of information technologies and their main applications in health sciences and dentistry. It also provides a foundation for understanding the basic principles of accessing information, using data, and working effectively in digital environments.
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Course Objectives	Objective 1	To introduce students to the basic concepts of information technologies
	Objective 2	To raise awareness of the applications and contributions of information technologies in the field of dentistry
	Objective 3	To develop students' skills in accessing, analyzing, and sharing information in digital environments
	Objective 4	To teach the effective and ethical use of information technologies in clinical, academic, and administrative processes
	Objective 5	To raise students' awareness of data security, privacy, and ethical responsibility
	Objective 6	To provide students with fundamental knowledge of software, imaging, and record systems used in dentistry
	Objective 7	To promote the integration of technology into students' lifelong learning and professional development processes.

Textbook / Resources	Resource 1	Lecture notes
	Resource 2	Online lecture videos

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐

Course Content	Department	Subject	Activities	Resource	Hour
	Multidisciplinary	The role of information technologies in daily life	ILS	1,2	2
		Communication technologies and collaboration	ILS	1,2	2
		Computer systems, file management	ILS	1,2	2
		Privacy, ethics and security, digital citizenship	ILS	1,2	2
		Effective search engine use and research	ILS	1,2	2
		Academic email, Google Drive usage and settings	ILS	1,2	2
		Web publishing tools	ILS	1,2	2
		Image processing programs	ILS	1,2	2
		Word processing programs	ILS	1,2	2
		Presentation programs	ILS	1,2	2
		Spreadsheet programs	ILS	1,2	2
		Audio and video processing programs	ILS	1,2	2
		Dentistry and web literacy	ILS	1,2	2
		Cloud systems and dental applications	ILS	1,2	2
		Quiz		1-2	1

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
1	14 module quizzes	100%	1,2	PC10, PC11

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	14	14x1
Preparation for the theoretical course	14	14x0.5
Preparation for quiz	14	14x2
Quiz	14	14x0.25
Total Workload		52.5
Estimated ECTS Credit		1.75
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY														
COURSE SYLLABUS														
Course Code		Course Name					Course Status		Credits		ECTS			
YIT100		Turkish for International Students					Compulsory		4		4			
Course Language		Course Type		Prerequisite			Year		Term		Attendance			
Turkish		Asynchronous		-			1		Academic Year		-			
Weekly Class Hours					Learning Sessions									
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)			Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)		
26	0	0	0			0			0			26		
Learning Outcomes of the Course	Upon completing this course, students will be able to;													
	LO 1	Identify the fundamental features of the Turkish language.												
	LO 2	Use punctuation marks and apply spelling rules.												
	LO 3	Identify and produce various types of written texts.												
	LO 4	Develop oral communication skills.												
	LO 5	Recognize the pronunciation and phonetic features of Standard Turkish.												
	LO 6	Recognize and apply the rhythm, stress, and intonation features of speech.												
	LO 7	Use Turkish effectively and accurately in oral communication.												
LO 8	Identify and apply various forms of oral expression.													
The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 2	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 3	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 4	1	1	1	1	1	1	1	1	4	1	2	1	1
	LO 5	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 6	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 7	1	1	1	1	1	1	1	1	2	1	2	1	1
LO 8	1	1	1	1	1	1	1	1	2	1	2	1	1	
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														
Course Description	The course introduces the Turkish alphabet, phonetics, basic vocabulary, simple sentence structures, question words, and the use of present simple and present continuous tenses. It aims to help students understand short texts, answer basic questions, and communicate in Turkish at a very simple level in everyday situations. The course is supported by online instructional materials and videos.													
Course Objectives	Objective 1	To teach the Turkish alphabet and basic phonetic rules to students learning Turkish as a foreign language												
	Objective 2	To develop students' basic vocabulary related to everyday life, including numbers, occupations, countries, nationalities, daily activities, kinship terms, adverbs of time and manner, food names, and basic adjectives.												
	Objective 3	To teach simple sentence structures, question words, and the use of present simple and present continuous tenses in Turkish												
	Objective 4	To develop students' ability to understand short Turkish texts and answer basic questions about them												
	Objective 5	To help students introduce themselves and communicate in Turkish at a very simple level in everyday situations.												
Textbook / Resources	Resource 1	Karababa, C., C. (2019). Yabancılar İçin Türkçe. Anı Yayıncılık.												
	Resource 2	Aslan, F. (2012). İstanbul Yabancılar İçin Türkçe Ders Kitabı A1. Kültür Sanat Basımevi.												
	Resource 3	Sözlü Yazılı Anlatım Sanatı Kompozisyon - Emin Özdemir												
	Resource 4	Uygulamalı Türk Dili ve Kompozisyon Bilgileri - Prof. Dr. Yakup Karasoy, Yrd. Doç. Dr. Orhan Yavuz, Okt. Ahmet Kayasandık, Okt. Bekir Direkci												
	Resource 5	Yazılı ve Sözlü Anlatım -Prof. Dr. Cahit Kavcar, Dr. Ferhan Oğuzkan, Özlem Aksoy												
	Resource 6	Lecture notes												
Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming		
	☑	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐		
Course Content	Department		Subject					Activities		Resource			Hour	
	Common Courses Coordination Unit		Definition and importance of language					ILS		1-6			2	
			Language-culture relationship, written language and its features, external structure and rules in written expression, spelling rules and punctuation marks					ILS		1-6			2	
			Plan, theme, point of view, supporting ideas, paragraph writing in the article					ILS		1-6			2	
			Composition concept, composition writing rules and plans					ILS		1-6			2	
			Composition framework, theme, paragraph analysis, composition correction studies, general expression disorders, thinking and expressing one's thoughts in selected articles					ILS		1-6			3	
			Various writing types (memoirs, anecdotes, stories, criticisms, novels, etc.) and formal articles (curriculum vitae, petition, report, announcement, bibliography, communiqué, official articles, scientific articles, articles, etc.)					ILS		1-6			3	
			Methods and techniques of working on the introduction, development and conclusion of the article, writing the article, taking notes and summarizing					ILS		1-6			3	
			Basic features of oral language and oral communication, basic principles of good speech, techniques to assist eloquence, preparation of speech for important occasions, arrangement of speech content, factors affecting speech					ILS		1-6			3	
			Characteristics of impromptu (speaking on the phone, meeting and introducing, etc.) and prepared speech types (debate, open session, panel, forum, symposium, conference)					ILS		1-6			2	
			Diction and its importance					ILS		1-6			2	
			The important points in the correct pronunciation of Turkish, correct spelling, correct emphasis, correct intonation and text-based applications					ILS		1-6			2	
			Midterm exam							1-6			1	
			Final exam							1-6			1	
Evaluation Criteria		Method			Contr. (%)		Resource		Relevant Qualifications					
	1	Midterm exam			40		1-2		PC9, PC11					
	2	Final exam			60		1-6		PC9, PC11					
Limitations on the Use of Artificial Intelligence	*** This course is not open to the use of AI-based tools.													
Workload and ECTS Calculation														
Educational Tool										Quantity		Student Workload (Hours)		
Theoretical course hour										26		13x2		
Preparation for the theoretical course										26		13x2		
Preparation for the midterm exam										1		1x30		
Midterm exam										1		1x0.5		

Preparation for the final exam	1	1x30
Final exam	1	1x0.5
Total Workload		113
Estimated ECTS Credit		3.76
Approximate ECTS Credit		~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
ENG100	English I & II		Compulsory	4	6
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Asynchronous	-	1	Academic Year	-

Weekly Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
25	-	-	0	0	0	25

Learning Outcomes of the Course	Upon completing this course, students will be able to;													
	LO 1	Introduce themselves and their family.												
	LO 2	Identify and describe objects in their immediate surroundings.												
	LO 3	Distinguish routine activities and select the appropriate ones.												
	LO 4	Follow basic dialogues related to situations such as food, giving directions, and giving instructions, and predict the next response.												
	LO 5	Select the appropriate question word for a given situation.												
	LO 6	Distinguish situations in which expressions of quantity and measurement are used and use them in the correct context.												
	LO 7	Distinguish expressions referring to present actions, past events, and future arrangements.												
	LO 8	Compare two or more people or objects and use the information obtained.												
	LO 9	Follow content related to routine everyday situations, such as arranging a holiday, making suggestions, expressing preferences, and giving advice, and predict an appropriate response.												
	LO 10	Identify, distinguish, and use vocabulary and expressions in various contexts, including food, organization, health problems, life events, holiday arrangements, money, clothing, and descriptions of cities.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	1	1	1	1	1	1	1	1	2	1	3	1	1
	LO 2	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 3	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 4	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 5	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 6	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 7	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 8	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 9	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 10	1	1	1	1	1	1	1	1	2	1	2	1	1

Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good

Course Description	This course is designed to help students understand everyday communication situations in English-speaking environments and respond appropriately at a basic to intermediate level. It introduces commonly used language structures, vocabulary, and communicative expressions through visual, audio, and written materials. The course supports students in developing their ability to comprehend spoken English and communicate effectively in familiar everyday contexts in accordance with the A2/B1 levels of the Common European Framework of Reference for Languages.													
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Course Objectives	Objective 1	To develop students' ability to understand and respond to basic dialogues that they may encounter in everyday communication in English-speaking environments.												
	Objective 2	To support the development of listening, speaking, reading, and writing skills at A2/B1 level and to promote integrated language use												
	Objective 3	To develop students' ability to use everyday vocabulary and common expressions in familiar communication contexts												
	Objective 4	To promote the functional use of language structures as a means of communication												
	Objective 5	To develop students' ability to use appropriate expressions and vocabulary according to different communication situations												
	Objective 6	To enhance students' language awareness and cultural sensitivity through visual, audio, and written materials												
	Objective 7	To support students in developing basic communicative competence in accordance with the A2/B1 levels of the Common European Framework of Reference for Languages												
	Objective 8	To foster students' confidence and motivation in the process of learning English.												

Textbook /	Resource 1	Course materials shared via UZEBİM												
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Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐

Course Content	Department	Subject	Activities	Resource	Hour
	Common Courses Coordination Unit	Introducing yourself	ILS	1	1
		Giving Personal Info	ILS	1	2
		Talking about Objects	ILS	1	1
		Talking about Family	ILS	1	1
		Describing and talking about buildings and furniture	ILS	1	1
		Talking about schedules	ILS	1	1
		Talking about routines	ILS	1	2
		Ability	ILS	1	1
		Asking for and giving directions	ILS	1	1
		Talking about food & quantities	ILS	1	1
		Explaining a Recipe	ILS	1	1
		Ordering food & Making requests	ILS	1	1
		Comparing things/people/places	ILS	1	2
		Talking about now	ILS	1	2
		Making suggestions & arrangements	ILS	1	1
		Talking about Past	ILS	1	2
		Giving Advice	ILS	1	1
		Talking about the future	ILS	1	2
		Checking into a hotel	ILS	1	1
		Midterm exam		1	1
		Final exam		1	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Midterm exam	40	1	PC9, PC11
	2	Final	60	1	PC9, PC11

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of AI-based tools.													
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Workload and ECTS Calculation													
Educational Tool										Quantity	Student Workload (Hours)		

Theoretical course hour	25	25x1
Preparation for the theoretical course	25	25x2
Preparation for the midterm exam	1	1x35
Midterm exam	1	1x1
Preparation for the final exam	1	1x70
Final exam	1	1x1
Total Workload		182
Estimated ECTS Credit		6.06
Approximate ECTS Credit		~6

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
AIT200	Principles of Atatürk and the History of Turkish Revolution I-II		Compulsory	4	4
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Asynchronous	-	1	Academic Year	70%

Weekly Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
26	0	0	0	0	0	26

Learning Outcomes of the Course	Upon completing this course, students will be able to;													
	LO 1	Describe the political, social, and economic events from the decline period of the Ottoman Empire to the establishment of the Republic of Türkiye.												
	LO 2	List the principles and reforms and discuss their place in Turkish history.												
	LO 3	Explain the significance of Mustafa Kemal Pasha in Turkish history.												

Relationship Between Learning Outcomes and Program		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	1	1	1	1	1	1	1	1	1	1
	LO 2	2	1	1	1	1	1	1	1	1	1	1	1	1
	LO 3	2	1	1	1	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Course Description	This course examines the political, social, and cultural developments from the dissolution process of the Ottoman Empire through World War I, the National Struggle period, the establishment of the Republic of Türkiye, and Atatürk													
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Course Objectives	Objective 1	To explain the concepts of reform and the Turkish Revolution												
	Objective 2	To explain the dissolution process of the Ottoman Empire starting from the modernization movements initiated under Selim III, together with its political, social, and economic dimensions												
	Objective 3	To teach the National Struggle led by Mustafa Kemal Pasha and the stages leading to the establishment of the Republic of Türkiye on 29 October 1923												
	Objective 4	To explain the principles and reforms carried out from the proclamation of the Republic until Atatürk's death within a cause-and-effect framework												
	Objective 5	To relate Atatürk's principles and reforms to the modernization goal of the Republic of Türkiye and the contemporary social and political structure.												

Textbook / Resources	Resource 1	Ali Efdal Özkul-Hasan amani İmparatorluk tan Cumhuriyet'e Modern Türkiye nin Oluşumu Atatürk İlkeleri ve İnkılap Tarihi,Ankara 2010.												
	Resource 2	Uzëbim course lectures.												

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐

Course Content	Department	Subject	Activities	Resource	Hour
	Common Courses Coordination Unit	Beginning with the definition of revolution and the Turkish Revolution and the modernization movements that began with Selim III, the political, social, and economic events that emerged until Mustafa Kemal Pasha's founding of the Republic of Turkey on October 29, 1923, are examined. The principles and reforms implemented by Mustafa Kemal Pasha from the founding of the Republic of Turkey on October 29, 1923, until his death are evaluated.	ILS	1,2	26
		Midterm Exam		1,2	1
		Final Exam		1,2	1

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
	1 Midterm exam	40%	1,2	PC1
	2 Final exam	60%	1,2	PC1

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	26	26x1
Preparation for theoretical course	26	26x1
Preparation for the midterm exam	1	1x25
Midterm exam	1	1x1
Preparation for the final exam	1	1x30
Final exam	1	1x1
Total Workload		109
Estimated ECTS Credit		3.63
Approximate ECTS Credit		~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
CAR100	Career Planning		Compulsory	0	2
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Asynchronous	-	1	Academic Year	-

Weekly Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
14	0	0	0	0	0	14

Learning Outcomes of the Course	Upon completing this course, students will be able to;													
	LO 1	Describe the activities of career centers.												
	LO 2	Demonstrate increased self-awareness.												
	LO 3	Explore career options.												
	LO 4	Develop self-expression and effective communication skills.												
	LO 5	Discuss the importance of professional networks.												
	LO 6	Identify support units.												
	LO 7	Use available resources effectively.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	1	1	1	1	1	1	1	1	1	1	2	1	1
	LO 2	1	1	1	1	1	1	1	1	1	1	2	1	2
	LO 3	1	1	1	1	1	1	1	1	1	1	2	1	1
	LO 4	1	1	1	1	1	1	1	1	4	1	1	2	2
	LO 5	1	1	1	1	1	1	1	1	1	1	1	2	2
	LO 6	1	1	1	1	1	1	1	1	1	1	1	2	2
	LO 7	1	1	1	1	1	1	1	1	1	1	2	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Course Description	This course aims to introduce career planning approaches that will help students adapt to the rapidly changing economic, social, cultural, ethical, and legal conditions of the business world, and to develop their ability to apply these approaches to their own lives.
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Course Objectives	Objective 1	To introduce students to the economic, social, cultural, ethical, and legal dynamics of the business world
	Objective 2	To develop students' ability to adapt to changing working conditions
	Objective 3	To raise students' awareness of career planning and career management
	Objective 4	To develop effective decision-making and problem-solving skills for situations that may be encountered in professional life
	Objective 5	To foster a professional attitude based on ethical values
	Objective 6	To guide students in discovering their individual potential and identifying career paths aligned with their personal goals
	Objective 7	To develop students' ability to adapt and apply career planning approaches to their own lives
	Objective 8	To promote awareness of lifelong learning required by global and local work environments

Textbook / Resources	Resource 1	Öztemel, K. (2019). Kariyer Planlama ve Geliştirme. Ankara: Pegem Yayınevi.
	Resource 2	Atay, S., Çirakoğlu Tanıverdi, B., Gülmez, N., (2019). Üniversite Kariyer Merkezleri El Kitabı. Ankara TC Cumhurbaşkanlığı, İnsan Kaynakları Ofisi, Salmat Basım Yay. Ankara.
	Resource 3	Ders notları

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐

Course Content	Department	Subject	Activities	Resource	Hour
Common Courses Coordination Unit		Career planning		1,2,3	2
		Career development models		1,2,3	2
		Current labor market conditions		1,2,3	2
		Interview techniques		1,2,3	2
		How to conduct an impressive job interview?		1,2,3	2
		Methods for preparing a resume, cover letter, and thank-you letter		1,2,3	2
		Preparing a CV for use in job applications		1,2,3	2

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
1	7 Modules * Questions / Tasks	100%	1,2,3	PC9, PC11, PC12, PC13

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	14	14x1
Preparation for theoretical course	14	14x1
Scale / Survey / Task	8	8x3
Total Workload		52
Estimated ECTS Credit		1.73
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
CAM100	Campus Orientation		Compulsory	0	2
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Asynchronous	-	1	Fall	-

Weekly Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
16	0	0	0	0	0	16

Learning Outcomes of the Course	Upon completing this course, students will be able to;				
	LO 1	Describe and classify the history of Near East University and the academic and social opportunities available on campus.			
	LO 2	Explain the regulations governing university life and students' rights and responsibilities.			
	LO 3	Distinguish the university units that support academic achievement and identify the support services they provide.			
	LO 4	Apply knowledge and skills that support academic achievement, including learning how to learn, coping with stress, and establishing effective study habits.			
	LO 5	Distinguish the differences between secondary and university education, and discuss the importance of an academic approach and research.			
	LO 6	Analyze the role of university life in the process of cultural transformation and adaptation, and evaluate the impact of orientation on participation in social activities.			

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	1	1	1	1	1	1	1	1	1	1	4	1	1
	LO 2	1	1	1	1	1	1	1	1	1	1	2	1	1
	LO 3	1	1	1	1	1	1	1	1	1	1	3	1	1
	LO 4	1	1	1	1	1	1	1	1	1	1	4	1	1
	LO 5	1	1	1	1	1	1	1	1	1	1	3	1	1
	LO 6	1	1	1	1	1	1	1	1	2	1	1	1	2
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Course Description	This course consists of various activities designed to help students become more familiar with university life, adopt the identity of being a member of Near East University, and adapt more easily to university life													
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Course Objectives	Objective 1	To support students' adaptation to university life												
	Objective 2	To develop students' awareness of being university students and their sense of belonging												
	Objective 3	To facilitate students' recognition of the academic and social opportunities offered by the university.												

Textbook / Resources	Resource 1	Güler, E. Ö. & Keskin, D. (2019). Üniversite Yaşamına Uyum Lisans Birinci Sınıf Öğrencileri Üzerine Bir Araştırma. Karahan Kitabevi												
	Resource 2	The video prepared about each module and the links and materials shared on the UZEBIM course page												

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐

Course Content	Department	Subject	Activities	Resource	Hour
	Common Courses Coordination Unit	Living Like a Continental on an Island: Near East University History and General Information	ILS	1,2	1
		I'm a Genius: Student Registration System Genius	ILS	1,2	1
		My Lessons and Me	ILS	1,2	1
		From Near East to Digital World: UZEBIM	ILS	1,2	1
		New Approaches to Learning: Flipped Classrooms	ILS	1,2	1
		Single campus, joint courses: Joint Courses Coordinatorship	ILS	1,2	1
		Now I'm in University: Developing Academic Work Habits	ILS	1,2	1
		Communication Skills and Human Relationship Management	ILS	1,2	1
		Social Activities and Dean of Students	ILS	1,2	1
		Social Media and Me as a Near Easterner: Social Media Literacy	ILS	1,2	1
		Cyprus Culture and Integration to the Island	ILS	1,2	1
		Knowledge Management, Scientific Research and Activities	ILS	1,2	1
		Me and Academic Achievement: Assessment and Evaluation	ILS	1,2	1
		Healthy mind, solid body: Health Management and Hospital Services	ILS	1,2	1
		Education, everywhere: YABEM and E-Study Box	ILS	1,2	1
		Shaping the future of education; Education 4.0.	ILS	1,2	1
		After School: Alumni Unit and Career Center	ILS	1,2	1

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
1	17 Modules * Questions / Tasks	100	1-2	PC9, PC11, PC13

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	16	16x1
Preparation for theoretical course	16	16x1
Scale / Survey / Assignment	10	10x3
Total Workload		62
Estimated ECTS Credit		2.06
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
CHC100	Cyprus History and Culture		Compulsory	2	2
Course Language		Prerequisite	Year	Term	Attendance
English	Asynchronous	-	1	Academic Year	-

Weekly Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
20	0	0	0	0	0	20

Learning Outcomes of the Course	Upon completing this course, students will be able to;													
	LO 1	Describe the history and cultural heritage of the island of Cyprus.												
	LO 2	List the endemic plants and animals native to Cyprus.												
	LO 3	Discuss the geographical location and topographical structure of Cyprus.												
	LO 4	Explain how the cultural and social structure of the island, where students will spend a significant part of their university education, has developed over the centuries.												
	LO 5	Discuss the importance of cultural approaches and research in university education, as distinct from secondary education.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	1	1	1	1	1	1	1	1	2	1	3	1	1
	LO 2	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 3	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 4	1	1	1	1	1	1	1	1	2	1	2	1	1
	LO 5	1	1	1	1	1	1	1	1	2	1	2	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Course Description	This course examines the social, economic, and cultural dynamics of Cyprus throughout its historical development within the context of the Mediterranean basin. Within the framework of Cyprus's role as a bridge between East and West, the states established on the island, religious communities, and socio-cultural interactions among different societies are explored. The course contributes to students' holistic understanding of the historical, cultural, and environmental structure of Cyprus.													
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Course Objectives	Objective 1	To teach the history of Cyprus from Antiquity to the modern period in a holistic and thematic manner, with reference to its social, cultural, and economic dimensions												
	Objective 2	To introduce the historical position of the island within the Mediterranean basin, as well as its social, cultural, and environmental structure.												

Textbook / Resources	Resource 1	Cyprus in Ancient Times Alasya F. / Ankara Turkish Culture Research Institute, Published in 1977												
	Resource 2	Video prepared for each module and links and materials shared on the UZEBIM course page.												

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐

Course Content	Department	Subject	Activities	Resource	Hour
	Common Courses Coordination Unit	Cyprus Geography and its Formation		1,2	2
		Cyprus Endemic Plants		2	2
		Cyprus Endemic Animals		2	2
		Cyprus Pre-Historic Periods		1,2	2
		Social and Cultural Life in Medieval Cyprus		2	2
		The Social, Cultural and Political Life of the Island in the Ottoman and British Rule		2	2
		Sufism and Mevlevism on the Island of Cyprus		2	2
		Turkish Cyprus Education History and the 1960-1974 Period		2	2
		Cyprus Culture History		2	2
		Cyprus Turkish Art of Painting		2	2

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	14 Modules * Questions / Tasks	100%	1,2	PC9, PC11

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of artificial intelligence-based tools.													
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	20	20x1
Preparation for theoretical course	20	20x1
Scale / Survey / Task	8	8x3
Total Workload		64
Estimated ECTS Credit		2.13
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
DTC200	Year 2 Theoretical Committees		Compulsory	12	24
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC100&DPC100	2	Academic year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
242	22	0	0	22	7	235

Learning Outcomes of the Course	Upon completing this course, students will be able to;													
	LO 1	Explain the basic etiology, pathogenesis, and principal diagnostic and treatment principles of dental caries and pulpal and periapical diseases.												
	LO 2	Summarize the indications, basic design principles, and main clinical and laboratory stages of fixed prosthetic restorations.												
	LO 3	Relate preventive and restorative approaches to caries risk assessment and the stages of endodontic treatment.												
	LO 4	Describe the structure and function of the periodontium, and explain the major gingival and periodontal diseases and the use of periodontal indices.												
	LO 5	Relate the principal microorganisms that cause infections in and around the oral cavity, their routes of transmission, and the principles of sterilization and disinfection to dental practice.												
	LO 6	Explain the basic organization of the central and peripheral nervous systems and their relationship to sensory and motor functions in the oral and facial region.												
	LO 7	Summarize the basic pathological mechanisms of diseases and the fundamental pharmacological properties of drug groups commonly used in dentistry.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	3	3	3	1	2	1	1	1	1	1	1	1
	LO 2	2	2	1	3	1	2	1	2	2	1	1	1	1
	LO 3	2	2	2	2	1	2	4	1	1	1	1	1	1
	LO 4	2	2	2	1	1	1	4	1	1	1	1	1	1
	LO 5	2	2	2	2	1	1	1	4	1	1	1	1	1
	LO 6	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 7	2	2	3	1	1	1	1	2	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Course Description	This course provides an integrated foundation in the biological and pathophysiological processes related to oral and dental health. It introduces disease mechanisms, diagnostic principles, and the main preventive, restorative, and therapeutic approaches used in dentistry. By bringing together pathology, pharmacology, and related basic science knowledge, the course supports students in developing the biological background and systematic thinking skills required for clinical decision-making in the later years of dental education.
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Course Objectives	Objective 1	To teach the biological foundations, clinical features, and basic restorative–endodontic treatment principles of dental caries, pulpal diseases, and periapical diseases, as well as the basic radiographic methods used in their diagnosis
	Objective 2	To explain the indications, design principles, and main clinical and laboratory stages of fixed prosthetic restorations
	Objective 3	To provide knowledge and awareness of caries epidemiology, risk assessment, and preventive treatment approaches that can be applied in different age groups
	Objective 4	To explain the structure of the periodontium and to teach the etiopathogenesis, classification, and basic treatment principles of major gingival and periodontal diseases
	Objective 5	To present clinically relevant microorganisms in dentistry, the processes of infection development, and the principles of sterilization, disinfection, and infection control in relation to clinical practice
	Objective 6	To explain the basic organization of the central and peripheral nervous systems and their relationship with sensory and motor functions in the oral and facial region
	Objective 7	To teach the basic pathological mechanisms of diseases and the main pharmacological properties of drug groups commonly used in dentistry at a level that can be applied in the context of diagnosis and treatment planning.

Textbook / Resources	Resource 1	CS-1 Resources
	Resource 2	CS-2 Resources
	Resource 3	CS-3 Resources
	Resource 4	CS-4 Resources
	Resource 5	BMS-1 Resources
	Resource 6	BMS-2 Resources
	Resource 7	BMS-3 Resources

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒

Course Content	Department	Subject	Activities	Resource	Hour
	CS-1	CS-1 Committee Content	ILS, RS	1-16	49
	CS-2	CS-2 Committee Content	ILS, RS	1-9	34
	CS-3	CS-3 Committee Content	ILS, RS	1-8	16
	CS-4	CS-4 Committee Content	ILS, RS	1-6	21
	BMS-1	BMS-1 Committee Content	ILS, KRS, RS	1-3	40+14
	BMS-2	BMS-2 Committee Content	ILS, KRS, RS	1-6	40+8
	BMS-3	BMS-3 Committee Content	ILS, RS	1-4	42

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Weighted average of committee exams	60	CS1-4, BMS1-3 Resources	PC1, PC2, PC3, PC4, PC6, PC7, PC8, PC9
	2	End-of-year comprehensive theoretical examination – Clinical sciences	20	CS1-4 Resources	PC1, PC2, PC3, PC4, PC6, PC7, PC8, PC9
	3	End-of-year comprehensive theoretical examination – Basic medical sciences	20	BMS1-3 Resources	PC1, PC2, PC3, PC4, PC6, PC7, PC8, PC9

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	235	235x1
Practical course hour	22	22x1
Preparation for the theoretical course	235	235x0.5
Preparation for the practical course	22	22x0.5
Preparation for the committee exam	7	7x23.3
Committee exam	7	7x1
Discussion session after the committee exam	7	7x1
Preparation for the final theoretical exam	1	1x150
Final theoretical exam	1	1x2
Total Workload		714.6
Estimated ECTS Credit		23.82
Approximate ECTS Credit		~24

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credit	ECTS
DTC200 - CS1	Dental Tissue Diseases and Treatments - I		Compulsory	2	4
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC100 & DPC100	2	Academic year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
49	0	0	0	0	1	48

Learning Outcomes of the Committee	Upon completion of this committee, students will be able to:													
	LO 1	Describe the dynamic processes occurring at the macroscopic, microscopic, and molecular levels in relation to the etiology and pathogenesis of dental caries.												
	LO 2	Detect carious tissue and diseased pulpal tissue and distinguish them from healthy tissue.												
	LO 3	List the principles of conventional cavity preparation and select an appropriate method for carious tissue removal.												
	LO 4	Explain the clinical application methods of amalgam and relate amalgam-mercury toxicity to its clinical use.												
	LO 5	Select an appropriate biomaterial for a given case and explain the rationale for the selection.												
	LO 6	Select an appropriate vital pulp therapy method for a given case and justify the selection.												
	LO 7	Classify pulpal and periapical tissue diseases and explain their dynamic processes and treatments.												
	LO 8	Identify the instruments used in endodontic treatment and list the principles of endodontic access cavity preparation.												
	LO 9	Explain the properties of X-rays by relating them to their effects on biological tissues, and list radiation protection methods.												
	LO 10	Select an appropriate intraoral radiographic technique for radiological examination and describe the materials and equipment used.												
	LO 11	Distinguish anatomical structures on intraoral radiographs and describe potential artefacts.												

The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	2	3	1	1	2	1	1	1	1	1	1	1
	LO 2	2	1	3	1	1	2	1	1	1	1	1	1	1
	LO 3	1	1	1	2	1	2	1	1	1	1	1	1	1
	LO 4	1	1	1	2	1	2	1	1	1	1	1	1	1
	LO 5	1	1	1	3	1	1	1	1	1	1	1	1	1
	LO 6	1	1	1	2	1	2	1	1	1	1	1	1	1
	LO 7	2	2	3	1	1	2	1	1	1	1	1	1	1
	LO 8	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 9	1	3	1	1	1	1	1	4	1	1	1	1	1
	LO 10	1	1	1	3	1	2	1	2	1	1	1	1	1
	LO 11	2	2	2	1	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee includes the mechanisms of dental caries formation, its progression and treatment methods, as well as the fundamental principles of restorative procedures. Students acquire basic knowledge of caries biochemistry, cavity preparation principles, filling materials, radiographic evaluation methods, and endodontic treatment.
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Committee Objectives	Objective 1	To teach the causes, development process, and treatment approaches of dental caries
	Objective 2	To explain the etiology, microbiological factors, and progression mechanisms of dental caries
	Objective 3	To define the effects of carious lesions on dental hard tissues and the pulp
	Objective 4	To explain the properties and basic application principles of materials used in restorative treatment procedures
	Objective 5	To introduce the basic methods used in radiographic evaluation and caries detection
	Objective 6	To teach the basic characteristics and treatment approaches of diseases related to the pulp and periapical tissues.

Textbook / Resources	Resource 1	Berman LH, Hargreaves K (2021). Cohen's Pathways of the Pulp. 12 th ed., Elsevier.
	Resource 2	Chong BS, Ozcelik B (2019). Harty Endodontics in Clinical Practice. 7th ed. Elsevier-Gunes Medical Bookstore, Ankara.
	Resource 3	Mallya S, Lam E (2018). White and Pharoah's Oral Radiology Principles and Interpretation. 8th ed., Elsevier.
	Resource 4	MacDonald D (2020). Oral and maxillofacial radiology: A diagnostic approach. 2nd ed., Wiley.
	Resource 5	Ritter AV, Boushell LW, Walter R (2017). Sturdevant's Art and Science of Operative Dentistry. 7th ed., Elsevier Health Sciences.
	Resource 6	Fejerskov O, Nyvad B, Kidd E (2015). Dental careers: the disease and its clinical management. 3rd ed., John Wiley & Sons.
	Resource 7	Garg N, Garg A (2020). Textbook of Operative Dentistry. 4th ed., Jaypee Brothers Medical Publishers.
	Resource 8	Özcan İ (2020). Oral Radiology Mind Notes. 1st edition. Güneş Medical Bookstores, Ankara.
	Resource 9	Özcan İ (2017). Fundamentals of Radiology in Dentistry: From Conventional to Digital. 1st edition. İstanbul Medical Health and Publishing.
	Resource 10	Yılmaz T (2012). Oral and Dental Biochemistry, Ankara.
	Resource 11	Vasudevan DM , Doe J, Vaidyanathan K (2017). Textbook Of Biochemistry For Dental Students. 3rd ed., The Health Sciences Publisher, London.
	Resource 12	Patekar VR, Mankar N, Burde K, Achanta A (2022). Choice of Matrix System in Dentistry. Journal of Research in Medical and Dental Science. 2022;10(11): 120-126
	Resource 13	McDonald and Avery's (2016). Dentistry for the Child and Adolescent. 10th ed., Elsevier, Holland.
	Resource 14	Welbury R, Duggal MS, Hosey MT (2018). Paediatric Dentistry. 5th ed. Oxford, England.
	Resource 15	Torres CRG, Patil S, Batista GR. Amalgam Restorations. Modern Operative Dentistry: Principles for Clinical Practice, 2020;373-409.
	Resource 16	Lecture notes

Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☑

	Department	Subject	Activities	Resource	Hour
	Restorative Dentistry	Theories for development of dental caries	ILS	6,16	1
		Microbial dental plaque and caries microbiology	ILS	6,16	1
		Biochemistry of caries	ILS	10, 11, 16	2
		Biochemistry of saliva	ILS	10, 11, 16	1
		Saliva-carries relationship	ILS	6, 10, 11, 16	1
		Caries formation and morphology	ILS	6,7,16	1
		Types of caries	ILS	6,16	1
	Pedodontics	Early childhood caries	ILS	13,14,16	3
	Restorative Dentistry	Traditional and modern caries detection methods (clinical) and diagnostic devices	ILS	6,7,15,16	1
		Formation and properties of X-rays	ILS	3, 4, 8, 9, 16	1
	Dentomaxillofacial Radiology	Quality and quantity of X-rays	ILS	3, 4, 8, 9, 16	1
		Radiation biology and measurement units	ILS	3, 4, 8, 9, 16	1
		Devices used in radiology	ILS	3, 4, 8, 9, 16	1
		Protection from radiation principle of ALADA	ILS	3, 4, 8, 9, 16	1
		Introduction to periapical radiology and intraoral radiography techniques	ILS	3, 4, 8, 9, 16	2
		Intraoral radiographic anatomy	ILS	3, 4, 8, 9, 16	2
		Structure of film, film types, screens, dental films	ILS	3, 4, 8, 9, 16	1
		Arrangement of the darkroom, radiographic quality; detail, density, fog, contrast	ILS	3, 4, 8, 9, 16	1
		Caries radiology and diagnosis of caries by radiography	ILS	3, 4, 8, 9, 16	2

Committee Content	Restorative Dentistry	Traditional and partial matrix systems	ILS	12,16	1
		General principles of cavity preparation	ILS	5,7,16	1
		Preparation principles of cavities in Black classification	ILS	5,7,16	1
		Caries removal by traditional and mechanical techniques	ILS	5, 7, 15, 16	1
		Cavity disinfectants	ILS	5,7,16	1
		Cavity varnishes and liners	ILS	5,7,16	1
		Other cements used in base and temporary filling applications	ILS	5,7,16	1
		Glass ionomer cements and compomers	ILS	5, 7, 15, 16	2
		Introduction to amalgam	ILS	15,16	1
		Clinical application methods of amalgam restorations	ILS	15,16	1
		Finishing, polishing and clinical failure of amalgam restorations	ILS	15,16	1
		Mercury hygiene and removal of amalgam	ILS	15,16	1
		Pulp-capping materials	ILS	1,2,16	1
		Direct and indirect pulp-capping applications	ILS	1,2,16	1
	Endodontics	Microbiology of pulpal and periapical tissue diseases	ILS	1,2,16	1
		Pulp diseases	ILS	1,2,16	2
		Periapical tissue diseases	ILS	1,2,16	2
		Endodontic access cavities	ILS	1,2,16	2
		Basic instrumentation in endodontics	ILS	1,2,16	1
	Multidisciplinary	Committee exam		1-16	1
		Post-exam discussion session	RS	1-16	1
		Final theoretical exam		1-16	1

Evaluation Criteria		Method	Contr. (%)	Resource	Related Competencies
	1	Committee exam	10.2	1-16	PC1, PC2, PC3, PC4, PC6, PC8
	2	Final theoretical exam	6.8	1-16	PC1, PC2, PC3, PC4, PC6, PC8

Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Amount	Student Workload (Hours)
Theoretical course hour	48	48x1
Preparation for the theoretical course	48	48x0.5
Preparation for the committee exam	1	1x30
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x25
Final theoretical exam	1	1x1
Total Workload		130
Estimated ECTS Credit		4.3
Approximate ECTS Credit		~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credit	ECTS
DTC200 - CS2	Fixed Prosthetic Restorations		Compulsory	1	3
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC100 & DPC100	2	Academic year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
34	0	0	0	0	1	33

Learning Outcomes of the Committee	Upon completion of this committee, students will be able to:													
	LO 1	Describe crown types and list their indications.												
	LO 2	Explain the principles of tooth preparation.												
	LO 3	Determine the need for a fixed prosthetic restoration, select appropriate abutment teeth, and discuss the rationale for the selection.												
	LO 4	Distinguish the structural components of fixed prosthetic restorations and compare different designs from a biomechanical perspective.												
	LO 5	Describe the clinical and laboratory stages of fixed prosthetic restorations.												
	LO 6	Relate impression materials and impression techniques used in fixed prosthetic restorations to the requirements of a given case.												
	LO 7	Select an appropriate restorative material and luting agent for a given fixed prosthetic case and explain the rationale for the selection.												

The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	1	1	2	1	1	1	1	1	1	1
	LO 2	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 3	1	2	1	1	1	1	1	1	1	1	1	1	1
	LO 4	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 5	2	1	1	2	1	1	1	2	2	1	1	1	1
	LO 6	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 7	2	1	1	3	1	2	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee presents the fundamental principles of fixed prosthetic restorations, the materials used, and the theoretical aspects of their clinical and laboratory stages. It provides a foundation for preclinical applications by introducing the classification of fixed prostheses, preparation principles, provisional restorations, impression-taking, and cementation procedures.													
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Committee Objectives	Objective 1	To introduce the different types and areas of use of fixed prosthetic restorations												
	Objective 2	To teach all clinical and laboratory stages of fixed prosthetic restorations, starting from treatment planning												
	Objective 3	To explain the physical, mechanical, and biological properties of different restorative materials												
	Objective 4	To explain the factors affecting material selection in clinical practice												
	Objective 5	To provide students with a comprehensive perspective on treatment planning and the application process in fixed prosthetic restorations.												

Textbook / Resources	Resource 1	Rosenstiel SF, Land MF, Walter R (2022). Contemporary Fixed Prosthodontics. 6th ed., Mosby.												
	Resource 2	Shillingburg HT, Sather DA, Wilson EL, Cain JR, Mitchell DL, Blanco LJ, Kessler JC (2012). Fundamentals of fixed prosthodontics. 4thEd. Quintessence Pub Co., Chicago.												
	Resource 3	Sakaguchi R.L., Powers J.M. (2019). Craig's Restorative Dental Materials. 14th edition. Elsevier Mosby, St. Louis.												
	Resource 4	Anusavice KJ, Shen C, Rawls HR (2021). Phillips' Science of Dental Materials. 13th edition. Elsevier Inc, St. Louis.												
	Resource 5	Blatz MB, Conejo J. The Current State of Chairside Digital Dentistry and Materials. Dental Clinics of North America. 2019; 63(2): 175-197.												
	Resource 6	Tuncer D. Resin Cements. Turkey Clinics Restorative Dentistry. 2017;3(3):151-163												
	Resource 7	Denry IL, Kelly JR . State of the art of zirconia for dental applications. Dental Materials, 2008;24(3), 299-307												
	Resource 8	Stawarczyk B, Keul C, Eichberger M, Figge D, Edelhoff D, Lümekmann N. Three generations of zirconia: From veneered to monolithic. Part I. Quintessence Int. 2017;48(5):369-380												
	Resource 9	Lecture notes												

Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design /Management	Report Preparation	Team /Group Work	Brainstorming
	☑	☑	☑	☐	☐	☐	☑	☑	☐	☐	☐	☑

Committee Content	Prosthetic Dentistry	Department	Subject	Activities	Resource	Hour
			Introduction to fixed prosthetic restorations and crown types	ILS	1,2,9	1
			General principles of tooth preparation	ILS	1,2,9	1
			Structural elements and indications of fixed partial dentures	ILS	1,2,9	1
			Evaluation of abutment teeth in fixed prostheses	ILS	1,2,9	1
			Classification and biomechanics of fixed partial dentures	ILS	1,2,9	1
			Pontic design and interrelationship between pontic and mucosa	ILS	1,2,9	1
			Impression materials (elastomers) used in fixed prostheses	ILS	1,3,4,9	2
			Laminate veneer preparation techniques	ILS	1,2,9	1
			Inlay-onlay-endocrown preparation techniques	ILS	1,2,9	1
			Retraction methods	ILS	1,9	1
			Impression techniques in fixed prostheses	ILS	1,2,9	1
			Communication with dental laboratory and infection	ILS	1,9	1
			Terminology of occlusion, mandibular movements, and determinants	ILS	1,2,9	2
			Occlusion types in natural dentition, principles of occlusion in fixed prosthetic treatment	ILS	1,2,9	2
			Obtaining and transferring occlusal records	ILS	1,2,9	1
			Obtaining models, transfer to occlusor and day materials	ILS	1,3,9	1
			Provisional fixed restorations	ILS	1,2,9	1
			Structure and classification of dental ceramics	ILS	3,4,9	1
			Dental ceramics according to their microstructure	ILS	3,4,7,9	2
			Resin-matrix ceramics	ILS	3,4,5,9	1
			Laboratory stages and framework fabrication techniques in metal-ceramic restorations	ILS	1,3,9	1
			Metal-ceramic connection	ILS	3,4,9	1
			General principles of full-mouth bridges	ILS	1,2,9	1
			Conventional cements and cementation of fixed prosthetic restorations	ILS	1,3,4,9	1
			Resin luting cements	ILS	3,4,6,9	2
			Relationship between fixed prosthesis and periodontal tissue	ILS	1,2,9	1
			Crown-bridge extraction methods	ILS	1,9	1
	Multidisciplinary		Committee exam		1-9	1
			Post-exam discussion session	RS	1-9	1
			Final theoretical exam		1-9	1

Evaluation Criteria	Method	Contr. (%)	Resource	Related Competencies
	1 Committee exam	7.2	1-9	PC1, PC2, PC4, PC6, PC8, PC9
	2 Final theoretical exam	4.8	1-9	PC1, PC2, PC4, PC6, PC8, PC9

Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Amount	Student Workload (Hours)
Theoretical course hour	33	33x1
Preparation for the theoretical course	33	33x0.5
Preparation for the committee exam	1	1x18
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x25
Final theoretical exam	1	1x1
Total Workload		95.5
Estimated ECTS Credit		3.18
Approximate ECTS Credit		~3

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY														
COMMITTEE SYLLABUS														
Committee Code		Committee Name				Committee Status			Credit		ECTS			
DTC200 - CS3		Dental Tissue Diseases and Treatments - II				Compulsory			1		2			
CommitteeLanguage		CommitteeType		Prerequisite			Year		Term		Attendance			
English		Face to face		DTC100 & DPC100			2		Academic year		70%			
Class Hours					Learning Sessions									
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)			Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)		
16	0	0	0			0			1			15		
Learning Outcomes of the Committee	Upon completion of this committee, students will be able to:													
	LO 1	Relate effective isolation to the success of restorative and endodontic procedures.												
	LO 2	Explain the clinical stages from root canal preparation to root canal obturation.												
	LO 3	Relate root canal disinfection to endodontic success.												
	LO 4	Select an appropriate root canal obturation technique and justify the selection.												
	LO 5	Draw inferences from the distribution and prevalence of dental caries in the population and the indicators affecting them.												
LO 6	Assess caries risk in different age groups and determine individualized preventive interventions.													
The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	2	1	2	1	1	1	1	1	1	1
	LO 2	2	2	1	2	1	2	1	1	1	1	1	1	1
	LO 3	2	1	1	2	1	2	1	1	1	1	1	1	1
	LO 4	2	2	1	2	1	2	1	1	1	1	1	1	1
	LO 5	2	2	2	1	1	2	4	1	1	1	1	1	1
	LO 6	2	2	2	1	1	2	4	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														
Committee Description	This committee provides students with knowledge of the epidemiology of dental caries, preventive treatment approaches for different age groups, caries risk assessment, and the basic clinical stages of root canal treatment. It supports students in understanding the fundamental principles of preventive and endodontic practices, evaluating caries distribution and determinants in the community, performing caries risk analysis, and developing age-appropriate preventive approaches.													
Committee Objectives	Objective 1	To explain the basic steps and objectives of root canal preparation in endodontic treatments												
	Objective 2	To develop the ability to justify the selection of root canal filling techniques and materials in relation to endodontic success criteria												
	Objective 3	To relate the treatment steps of pulpal and periapical pathologies to clinical practice												
	Objective 4	To explain the epidemiology of dental caries, its distribution in the community, and the main risk factors affecting caries development												
	Objective 5	To introduce methods for assessing caries risk in different age groups and to teach appropriate preventive treatment approaches.												
Textbook / Resources	Resource 1	Chong BS (2019). Harty Endodontics in Clinical Practice, Translation editor: Özçelik B. 7th ed. Elsevier. Güneş Medical Bookstore, Ankara.												
	Resource 2	Torabinajad M, Fouad AF, Shabahang S (2021). Endodontics Principles and Practice. 6th Ed., Elsevier.												
	Resource 3	Berman LH, Hargreaves K (2021). Cohen's Pathways of the Pulp 12th Ed., Elsevier.												
	Resource 4	Dean J. A. (2016). McDonaldMcDonald and Avery's Dentistry for the Child and Adolescent. 10th Ed., Elsevier, Holland.												
	Resource 5	Welbury R, Duggal MS, Hosey MT (2018). Paediatric Dentistry. 5thEd. Oxford, England.												
	Resource 6	Keçeli Tİ, Özler CÖ, Tekçiçek M. Indexes used in the evaluation of dental caries status. Turkey Clinics Pediatric Dentistry - Special Topics 2015;1(3):19-28.												
	Resource 7	Ritter AV, Boushell LW, Walter R (2017). Sturdevant's Art and Science of Operative Dentistry. 7th Ed., Elsevier Health Sciences.												
	Resource 8	Lecture notes												
Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design /Management	Report Preparation	Team /Group Work	Brainstorming		
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☑		
Committee Content	Department		Subject					Activities		Resource			Hour	
	Restorative Dentistry		Epidemiology of caries					ILS		6,7,8			1	
	Pedodontics		Preventive treatments in children					ILS		4,5,6,8			3	
			Dental indexes					ILS		6,7,8			1	
	Restorative Dentistry		Caries risk, caries activity tests					ILS		6,7,8			1	
	Restorative Dentistry		Preventive treatments in adults					ILS		6,7,8			1	
	Endodontics		Isolation and use of rubber dam					ILS		1,2,3,8			1	
			Preparation of root canals					ILS		1,2,3,8			2	
			Irrigation and smear layer					ILS		1,2,3,8			2	
			Disinfection of root canals					ILS		1,2,3,8			1	
			Root canal filling techniques					ILS		1,2,3,8			2	
	Multidisciplinary		Committee exam							1-8			1	
			Post-exam discussion session					RS		1-8				
			Final theoretical exam							1-8			1	
Evaluation Criteria		Method			Contr. (%)		Resource			Related Competencies				
	1	Committee exam			4.8		1-8			PC1, PC2, PC3, PC4, PC6, PC7				
	2	Final theoretical exam			3.2		1-8			PC1, PC2, PC3, PC4, PC6, PC7				
Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.													
Workload and ECTS Calculation														
Educational Tool										Amount		Student Workload (Hours)		
Theoretical course hour										15		15x1		
Preparation for the theoretical course										15		15x0.5		
Preparation for the committee exam										1		1x15		
Committee exam										1		1x1		
Discussion session after the committee exam										1		1x1		
Preparation for the final theoretical exam										1		1x10		
Final theoretical exam										1		1x1		
Total Workload												50.5		
										Estimated ECTS Credit		1.68		
										Approximate ECTS Credit		~2		

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY														
COMMITTEE SYLLABUS														
Committee Code		Committee Name				Committee Status		Credit		ECTS				
DTC200 - CS4		Dental Tissue Diseases and Treatments - III				Compulsory		1		2				
Committee Language		Committee Type		Prerequisite		Year		Term		Attendance				
English		Face to face		DTC100 & DPC100		2		Academic year		70%				
Class Hours			Learning Sessions											
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)			Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)		
21	0	0	0			0			1			20		
Learning Outcomes of the Committee	Upon completion of this committee, students will be able to:													
	LO 1	Explain the structure and functions of the periodontium.												
	LO 2	Describe dental plaque, calculus, and predisposing factors that cause periodontal tissue destruction, and relate them to periodontal disease.												
	LO 3	Classify periodontal diseases and describe the criteria for staging and grading.												
	LO 4	List the indices used in periodontology and explain the indices used to assess gingival inflammation.												
	LO 5	Identify gingival and periodontal diseases and list their signs and symptoms.												
	LO 6	Identify gingival enlargements and classify them according to their possible causes.												
The Relationship between Learning Outcomes and Program Competencies	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13	
	LO 1	2	2	2	1	1	1	1	1	1	1	1	1	
	LO 2	2	2	2	1	1	1	3	1	1	1	1	1	
	LO 3	2	2	2	1	1	1	3	1	1	1	1	1	
	LO 4	2	2	2	1	1	1	4	1	1	1	1	1	
	LO 5	2	2	2	1	1	1	4	1	1	1	1	1	
	LO 6	2	2	2	1	1	1	4	1	1	1	1	1	
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														
Committee Description	This committee examines the structure and function of the periodontium, as well as the etiopathogenesis and classification of periodontal diseases. Students learn the effects of dental plaque and local predisposing factors, basic gingival and periodontal diseases, and the use of periodontal indices.													
Committee Objectives	Objective 1	To introduce the structure and functions of the tissues that constitute the periodontium												
	Objective 2	To explain the etiology, etiopathogenesis, and classification of periodontal diseases												
	Objective 3	To explain the role of dental plaque and local predisposing factors in the development of periodontal diseases												
	Objective 4	To teach the clinical characteristics and evaluation criteria of common gingival and periodontal diseases												
	Objective 5	To provide fundamental knowledge of the use of periodontal indices.												
Textbook / Resources	Resource 1	Newman M, Takei H, Klokkevold P, Carranza F (2019). Clinical Periodontology, 13th ed., Elsevier.												
	Resource 2	Çağlayan G (2018). Periodontology and Implantology, Quintessence Publications, Türkiye.												
	Resource 3	Caton JG, Armitage G, Berglundh T, Chapple IL, Jepsen S, Kornman KS, Mealey BL, Papapanou PN, Sanz M, Tonetti MS. A new classification scheme for Periodontology and peri-implant diseases and conditions- Introduction and key changes from the 1999 classification. Journal of Periodontology, 2018;89:S1-8.												
	Resource 4	Yılmaz T (2012). Oral and Dental Biochemistry. Ankara.												
	Resource 5	Vasudevan DM, Doe J, Kannan V (2017). Textbook Of Biochemistry For Dental Students. 3rd ed., The Health Sciences Publisher London.												
	Resource 6	Lecture notes												
Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design /Management	Report Preparation	Team /Group Work	Brainstorming		
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☑		
Committee Content	Department	Subject					Activities			Resource			Hour	
	Periodontology	Introduction to periodontology and the function of the periodontium					ILS			1-3,6			1	
		Periodontal pathogenesis					ILS			1-3,6			2	
		Periodontal microbiology and dental plaque					ILS			1-3,6			2	
		Dental calculus and other predisposing factors, oral malodor					ILS			1-3,6			2	
	Biochemistry	Plaque biochemistry					ILS			4-6			2	
	Periodontology	Classification of periodontal diseases and conditions and epidemiology of periodontal diseases					ILS			1-3,6			2	
		Clinical findings of gingivitis and acute gingival diseases					ILS			1-3,6			2	
		Periodontal pocket					ILS			1-3,6			1	
		Periodontitis					ILS			1-3,6			2	
		Gingival diseases in children					ILS			1-3,6			1	
		Desquamative gingivitis					ILS			1-3,6			1	
		Gingival hyperplasia					ILS			1-3,6			2	
		Committee exam								1-6			1	
	Multidisciplinary	Post-exam discussion session					RS			1-6			1	
		Final theoretical exam								1-6			1	
	Evaluation Criteria		Method			Contr. (%)	Resource		Related Competencies					
1		Committee exam			4.8	1-6		PC1, PC2, PC3, PC7						
2		Final theoretical exam			3.2	1-6		PC1, PC2, PC3, PC7						
Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.													
Workload and ECTS Calculation														
Educational Tool									Amount	Student Workload (Hours)				
Theoretical course hour									20	20x1				
Preparation for the theoretical course									20	20x0.5				
Preparation for the committee exam									1	1x15				
Committee exam									1	1x1				
Discussion session after the committee exam									1	1x1				
Preparation for the final theoretical exam									1	1x15				
Final theoretical exam									1	1x1				
									Total Workload	63				
									Estimated ECTS Credit	2.1				
									Approximate ECTS Credit	~2				

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credit	ECTS
DTC200 - BMS1	Basics of Diseases - I		Compulsory	3	5
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC100 & DPC100	2	Academic year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
40	14	0	0	14	1	39

Learning Outcomes of the Committee	<i>Upon completion of this committee, students will be able to:</i>													
	LO 1	Describe the structure, general characteristics, host relationships, and reproductive mechanisms of microorganisms, and discuss their significance in dentistry.												
	LO 2	Apply sterilization, disinfection, and antisepsis techniques in the correct sequence.												
	LO 3	List antibiotics and their mechanisms of action.												
	LO 4	List infections and infectious agents that pose occupational risks.												
	LO 5	Relate microbial resistance mechanisms to treatment protocols.												
	LO 6	List the operating principles of the immune system and relate vaccines and antisera to immunization.												
	LO 7	List the laboratory methods used to identify infections that may occur in and around the oral cavity, as well as the available treatment alternatives and preventive methods.												

The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	2	1	1	1	1	1	1	1	1	1	1
	LO 2	2	1	1	1	1	1	1	4	1	1	1	1	1
	LO 3	1	2	2	1	1	1	1	1	1	1	1	1	1
	LO 4	2	1	1	2	1	1	1	4	1	1	1	1	1
	LO 5	1	2	2	1	1	1	1	1	1	1	1	1	1
	LO 6	2	1	1	1	1	1	1	1	1	1	1	1	1
	LO 7	2	1	3	2	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee introduces the structure of microorganisms that are important in dentistry, their interactions with the host, infection processes, and the fundamental principles of infection control. It also includes the causative agents of infections observed in and around the oral cavity, immune responses, and laboratory diagnostic methods, providing students with fundamental knowledge of infection control and prevention strategies.													
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Committee Objectives	Objective 1	To teach the structural characteristics of microorganisms such as viruses, bacteria, parasites, and fungi that underlie diseases												
	Objective 2	To explain the response mechanisms generated by the immune system against pathogenic microorganisms												
	Objective 3	To introduce infectious diseases that are important in dental practice and to teach their transmission, prevention, and control routes												
	Objective 4	To teach the basic functioning of the immune system and the role of vaccines and sera in the immunization process												
	Objective 5	To explain the principles of sterilization, disinfection, and antisepsis for infection control and their importance in clinical practice.												

Textbook / Resources	Resource 1	Murray PR, Rosenthal KS, Pfaller MA (2020). Medical Microbiology, 9th Ed., Elsevier.												
	Resource 2	Marsh P, Lewis M, Rogers H, Williams D (2016). Oral Microbiology 6th Ed., Elsevier.												
	Resource 3	Lecture notes												

Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team /Group Work	Brainstorming
	☒	☒	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒

Committee Content	Microbiology	Department	Subject	Activities	Resource	Hour
			Bacterial cell structure	ILS	1-3	2
			Production of bacteria	ILS	1-3	1
			Bacterial metabolism	ILS	1-3	2
			Bacterial genetics	ILS	1-3	2
			Host-microorganism relationships and flora	ILS	1-3	2
			Important bacteria for dentistry	ILS	1-3	2
			Sterilization, disinfection, antisepsis and their applications	ILS	1-3	2
			Antibiotics: Mechanisms of action and resistance	ILS	1-3	2
			General characteristics and classification of viruses	ILS	1-3	2
			Important viruses for dentistry	ILS	1-3	2
			Fungal cell structure and classification	ILS	1-3	2
			Fungi important for dentistry	ILS	1-3	2
			Parasite cell structure and classification	ILS	1-3	2
			Important parasites for dentistry	ILS	1-3	2
			Immune response to microbes	ILS	1-3	1
			Active and passive immunization / vaccines and serums	ILS	1-3	1
			Innate-acquired immunity	ILS	1-3	1
			Antigens: Antigen processing and presentation	ILS	1-3	1
			Complement system and cytokines	ILS	1-3	1
			Adherence of oral bacteria	ILS	1-3	1
			Caries microbiology	ILS	1-3	1
			Periodontal infections	ILS	1-3	1
			Microbiology of pulpitis	ILS	1-3	1
			Important infections in dentistry	ILS	1-3	1
			Cross-infections seen in dentistry	ILS	1-3	1
			Other infections in the mouth	ILS	1-3	1
			Practical lesson 1: Rules to be followed in the microbiology laboratory	ILS	1-3	1
			Practical lesson 2: Producing bacteria	ILS	1-3	2
			Practical lesson 3: Examination of gram-positive and gram-negative bacteria	ILS	1-3	2
			Practical lesson 4: Normal microbial flora	ILS	1-3	3
			Practical lesson 5: Antibiotic susceptibility tests	ILS	1-3	2
			Practical lesson 6: Investigation of fungi and parasites	ILS	1-3	2
			Practical lesson 7: Serological tests	ILS	1-3	2
	Multidisciplinary		Committee exam		1-3	1
			Post-exam discussion session	RS	1-3	1
			Final theoretical exam		1-3	1

Evaluation Criteria		Method	Contr. (%)	Resource	Related Competencies
	1	Committee exam	12.6	1-3	PC1, PC2, PC3, PC4, PC8
	2	Final theoretical exam	8.4	1-3	PC1, PC2, PC3, PC4, PC8

Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Amount	Student Workload (Hours)
Theoretical course hour	39	39x1
Practical course hour	14	14x1
Preparation for the theoretical course	39	39x0.5
Preparation for the practical course	14	14x0.5
Preparation for the committee exam	1	1x30
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x30
Final theoretical exam	1	1x1
Total Workload		142.5
Estimated ECTS Credit		4.75
Approximate ECTS Credit		~5

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY														
COMMITTEE SYLLABUS														
Committee Code		Committee Name				Committee Status		Credit		ECTS				
DTC200 - BMS2		Central Nervous System				Compulsory		2		4				
Committee Language		Committee Type		Prerequisite		Year		Term		Attendance				
English		Face to face		DTC100 & DPC100		2		Academic year		70%				
Class Hours			Learning Sessions											
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)			Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)		
40	8	0	0			8			1			39		
Learning Outcomes of the Committee	Upon completion of this committee, students will be able to:													
	LO 1	Identify the morphological structures of the central and peripheral nervous systems and determine their functions.												
	LO 2	List the stages of signaling beginning at the receptor level.												
	LO 3	Relate the process of synaptic transmission to the musculoskeletal system.												
	LO 4	Describe the relationship between the control centers of the nervous system and sensory perception.												
The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 2	1	2	1	1	1	1	1	1	1	1	1	1	1
	LO 3	1	2	1	1	1	1	1	1	1	1	1	1	1
	LO 4	1	2	1	1	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														
Committee Description	This committee covers the basic structure and functions of the central and peripheral nervous systems. Students learn the anatomical, histological, and physiological characteristics of the central and peripheral nervous systems; understand the mechanisms of communication between nerve cells, synaptic transmission processes, and the interaction of these processes with the musculoskeletal system. In addition, the regulatory role of the control centers of the nervous system on sensory perception and motor responses is discussed.													
Committee Objectives	Objective 1	To describe the general morphological structure of the central and peripheral nervous systems and explain the relationships between these structures												
	Objective 2	To describe the stages involved in the formation and transmission of neural signals, from the receptor to the target tissue or organ												
	Objective 3	To define the mechanism of synaptic transmission and explain its relationship with the musculoskeletal system												
	Objective 4	To explain the relationship between the control centers of the nervous system, such as the brainstem, thalamus, and cerebral cortex, and sensory perception												
	Objective 5	To explain the functional importance of the nerves in the head and neck region in relation to dental practice												
	Objective 6	To raise awareness of the clinical implications of neuronal conduction disorders by explaining their basic physiopathological mechanisms.												
Textbook / Resources	Resource 1	Solakoğlu S, Erdoğan A, Mutlu HS (2019). Junqueira Basic Histology Topic and Atlas. Güneş Medical Bookstores.												
	Resource 2	Splittgerber R (2019). Snell's Clinical Neuroanatomy 8th Ed., Lippincott Williams & Wilkins.												
	Resource 3	Taner D (2018). Functional Neuroanatomy, 19th Edition, METU Publishing.												
	Resource 4	Drake RL (2018). Gray's Anatomy for Students, 3rd Edition, Nobel Medical Bookstore.												
	Resource 5	Guyton and Hall. (2015). Textbook of Medical Physiology. 13 th ed. elsevier												
	Resource 6	Lecture notes												
Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design /Management	Report Preparation	Team /Group Work	Brainstorming		
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Committee Content	Department	Subject					Activities			Resource			Hour	
	Histology and Embryology	Central nervous system					ILS			1,6			2	
		Introduction to the central nervous system and classification					ILS			2-4,6			1	
		Medulla spinalis-morphology					ILS			2-4,6			1	
		Medulla spinalis-paths					ILS			2-4,6			1	
		Brainstem (bulbus, pons and mesencephelon)					ILS			2-4,6			2	
		Cranial nerves, entrance, and I, III, IV, VI					ILS			2-4,6			1	
		Cranial nerve V					ILS			2-4,6			2	
		Cranial nerve VII					ILS			2-4,6			2	
	Anatomy	Cranial nerves XI, XII					ILS			2-4,6			1	
		Peripheral nervous system and receptors					ILS			1,6			2	
		Sensory receptors					ILS			5,6			1	
		Somatic senses					ILS			5,6			2	
		Cranial nerve IX, X					ILS			2-4,6			1	
		Autonomic nervous system					ILS			2-4,6			2	
		Cerebellum					ILS			2-4,6			1	
		Hypothalamus, pituitary					ILS			2-4,6			1	
	Physiology	Thalamus					ILS			2-4,6			1	
		Epithalamus, subthalamus, basal nuclei					ILS			2-4,6			1	
		Brain hemispheres and white matter					ILS			2-4,6			2	
		Special senses					ILS			5,6			1	
		Limbic system					ILS			2-4,6			1	
		Meninges sinuses ventricular system					ILS			2-4,6			1	
		Cerebral cortex					ILS			5,6			1	
		CNS vessels					ILS			2-4,6			1	
	Anatomy	Orbita, its contents and visual pathways					ILS			2-4,6			2	
		Control of postural movement					ILS			5,6			1	
		Limbic system and hypothalamus					ILS			5,6			1	
		Functions of cranial nerves					ILS			5,6			1	
		Ear, cranial nerve VIII, auditory and balance pathways					ILS			2-4,6			2	
		Practical Lesson 1: Anatomy					ILS			2-4,6			4	
		Practical Lesson 2: Anatomy					ILS			2-4,6			4	
		Committee exam								1-6			1	
	Multidisciplinary	Post-exam discussion session					RS			1-6			1	
		Final theoretical exam								1-6			1	
Evaluation Criteria		Method			Contr. (%)		Resource		Related Competencies					
	1	Committee exam			10.2		1-6		PC1, PC2					
	2	Final theoretical exam			6.8		1-6		PC1, PC2					

Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.	
Workload and ECTS Calculation		
Educational Tool	Amount	Student Workload (Hours)
Theoretical course hour	39	39x1
Practical course hour	8	8x1
Preparation for the theoretical course	39	39x0.5
Preparation for the practical course	8	8x0.5
Preparation for the committee exam	1	1x25
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x20
Final theoretical exam	1	1x1
Total Workload		118.5
Estimated ECTS Credit		3.95
Approximate ECTS Credit		~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credit	ECTS
DTC200 - BMS3	Basics of Diseases - II		Compulsory	2	4
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC100 & DPC100	2	Academic year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
42	0	0	0	0	1	41

Learning Outcomes of the Committee	Upon completion of this committee, students will be able to:													
	LO 1	Describe disease states and explain the genetic and pathological mechanisms underlying disease development.												
	LO 2	List the mechanisms of repair and healing in diseases.												
	LO 3	List the procedural steps for proper specimen submission.												
	LO 4	Define a drug and identify its dosage forms and routes of administration.												
	LO 5	Distinguish the effects of drugs on the human body and explain their movement within the body.												
	LO 6	Describe the relationships among drug dose, concentration in biological fluids, and effect.												
	LO 7	Relate the effects of drugs used in the treatment of different systemic diseases to dental practice.												
	LO 8	Apply the pharmacological properties of drugs commonly used in dentistry during treatment processes and write prescriptions.												

The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	2	2	1	1	1	1	1	1	1	1	1	1
	LO 2	2	2	2	1	1	1	1	1	1	1	1	1	1
	LO 3	2	1	1	1	1	2	1	2	1	2	1	1	1
	LO 4	1	1	2	1	1	1	1	1	1	1	1	1	1
	LO 5	2	1	2	1	1	1	1	1	1	1	1	1	1
	LO 6	2	2	3	1	1	1	1	1	1	1	1	1	1
	LO 7	2	1	3	1	1	1	1	1	1	1	1	1	1
	LO 8	2	1	2	1	1	1	1	2	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee introduces the basic pathological mechanisms of diseases, the pharmacological properties of commonly used drug groups, and their use in dental practice.
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Committee Objectives	Objective 1	To describe how diseases develop at the cellular and molecular levels and how these processes are reflected in tissue and organ functions
	Objective 2	To develop the ability to explain the relationship between pathological changes, clinical findings, and treatment approaches
	Objective 3	To teach basic pharmacokinetic and pharmacodynamic principles and to support the critical evaluation of the effects, side effects, and areas of use of major drug groups
	Objective 4	To raise awareness of the safe and rational use of systemic and local drugs commonly used in dentistry
	Objective 5	To develop the ability to select appropriate medications and write suitable prescriptions by considering the patient's systemic condition and other medications being used.

Textbook /Resources	Resource 1	Robins & Cotran (2021). Pathologic Basis of Disease, 10th Ed., Elsevier, Philadelphia.
	Resource 2	Kayaalp SO (2002). Medical Pharmacology in Terms of Rational Treatment, 10th Edition, Hacettepe Taş, Ankara.
	Resource 3	Katzung BG (2012). Basic & Clinical Pharmacology, 10th Ed., Appleton & Lange, San Francisco.
	Resource 4	Lecture notes

Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design /Management	Report Preparation	Team /Group Work	Brainstorming
	☒	☒	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒

Committee Content	Department	Subject	Activities	Resource	Hour
	Pathology	Introduction to pathology	ILS	1,4	1
		Methods used in the pathology laboratory	ILS	1,4	1
	Medical Biology and Genetics	DNA repair mechanisms	ILS	3,4	2
		General mechanisms of cell damage	ILS	1,4	1
	Pathology	Cell adaptation mechanisms	ILS	1,4	1
		Introduction to pharmacology and general concepts	ILS	2,4	2
	Pharmacology	Pharmacokinetic, pharmacodynamic rules	ILS	2,4	1
		Factors that alter drug effects, drug toxicity, parts of the prescription	ILS	2,4	1
		Cell death mechanisms	ILS	3,4	2
	Medical Biology and Genetics	Cell senescence, mechanism of cell death, intracellular deposits	ILS	1,4	1
		Inflammation (acute, chronic) and mediators	ILS	1,4	2
		Wound healing and repair	ILS	1,4	1
		Hemodynamic diseases	ILS	1,4	2
		Introduction to chemotherapeutic drugs, antibacterial drugs	ILS	2,4	2
	Pharmacology	Antiviral, antifungal drugs and antibiotic use in dentistry	ILS	2,4	2
		Histamine, antihistamine drugs, serotonergic drugs	ILS	2,4	1
		Prostaglandins, angiotensins	ILS	2,4	1
		Drugs acting on the autonomic nervous system	ILS	2,4	2
		Sedative hypnotics	ILS	2,4	1
		Analgesics	ILS	2,4	1
		Neoplasia	ILS	1,4	2
	Pathology	Leukemia and lymphomas	ILS	1,4	1
		Antianginal drugs, drugs used in the treatment of heart failure, anticoagulants, drugs used in the treatment of hyperlipidemia, peripheral vasodilators	ILS	2,4	2
	Pharmacology	Respiratory system drugs, bronchodilators and antitussive drugs	ILS	2,4	1
		Endocrine system diseases	ILS	1,4	2
	Pathology	Immune system diseases	ILS	1,4	2
		Drugs used in gastrointestinal system diseases	ILS	2,4	1
	Pharmacology	Drugs used in endocrine system diseases, antidiabetic drugs, drugs used in thyroid disorders	ILS	2,4	1
		Corticosteroids, drugs used in bone and joint diseases, sex hormones	ILS	2,4	1
		Committee exam		1-4	1
	Multidisciplinary	Post-exam discussion session	RS	1-4	1
		Final theoretical exam		1-4	1

Evaluation Criteria	Method	Contr. (%)	Resource	Related Competencies
1	Committee exam	10.2	1-4	PC1, PC2, PC3, PC6, PC8, PC10
2	Final theoretical exam	6.8	1-4	PC1, PC2, PC3, PC6, PC8, PC10

Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.	
Workload and ECTS Calculation		
Educational Tool	Amount	Student Workload (Hours)
Theoretical course hour	41	41x1
Preparation for the theoretical course	41	41x0.5
Preparation for the committee exam	1	1x30
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x25
Final theoretical exam	1	1x1
Total Workload		119.5
Estimated ECTS Credit		3.98
Approximate ECTS Credit		~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
DPC200	Year 2 Practical Committees		Compulsory	10	20
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC100 & DPC100	2	Academic year	80%

Class Time	Class Hours		Learning Sessions			
	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	368	0	0	368	0	0

Learning Outcomes of the Course	Upon completing this course, students will be able to;					
	LO 1	Apply the biomechanical, biological, and technical principles of fundamental clinical and preclinical procedures in conservative dentistry, endodontics, oral radiology, and prosthodontics through an integrated approach.				
	LO 2	Perform preparation, material selection, application, and evaluation procedures for different clinical indications on phantom and natural teeth using appropriate instruments, materials, and techniques.				
	LO 3	Obtain the radiographic images required for diagnostic and treatment processes using the correct techniques and apply radiation protection principles.				
	LO 4	Evaluate their own performance and that of their peers using objective criteria in accordance with teamwork, peer assessment, and professional responsibility.				

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	3	2	1	3	1	2	1	4	1	1	1	1	1
	LO 2	3	2	1	3	1	2	1	4	1	1	1	1	1
	LO 3	3	2	1	3	1	2	1	4	1	1	1	1	1
	LO 4	3	2	1	3	1	2	1	4	1	1	4	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Course Description	This course is a practice-oriented course designed to provide students with fundamental preclinical knowledge and skills in conservative treatment, endodontics, oral radiology, and prosthetic dental treatment. Within the scope of the course, students perform cavity and tooth preparations, endodontic access and root canal treatment procedures, intraoral radiographic imaging techniques, impression-taking, provisional restorations, and wax framework applications on phantom models and natural teeth through an integrated approach.
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Course Objectives	Objective 1	To support students in gaining the ability to plan and perform conservative, endodontic, and prosthetic preclinical applications for different clinical indications in accordance with scientific principles
	Objective 2	To develop competence in selecting, manipulating, and safely applying appropriate hand instruments, devices, and dental materials according to their intended use
	Objective 3	To ensure that students apply the radiographic imaging techniques required in diagnosis and treatment processes using appropriate methods and adopt the principles of radiation protection
	Objective 4	To support students in gaining the competence to evaluate and improve their own clinical performance in line with professional responsibility, teamwork, and peer assessment awareness

Textbook / Resources	Resource 1	PC-1 Resources
	Resource 2	PC-2 Resources
	Resource 3	PC-3 Resources
	Resource 4	PC-4 Resources

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Peer assessment	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☐	☐	☒	☐	☒	☒

Course Content	Department	Subject	Activities	Resource	Hour
	PC-1	PC-1 Committee Content	KRS	1-4	120
	PC-2	PC-2 Committee Content	KRS	1-4	120
	PC-3	PC-3 Committee Content	KRS	1-3	12
	PC-4	PC-4 Committee Content	KRS	1-4	120

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	PC 1-4 homework/quiz weighted average	50	PC 1-4 Resources	PC1, PC2, PC4, PC6, PC8, PC12
	2	PC 1-4 final practical examination weighted average	50	PC 1-4 Resources	PC1, PC2, PC4, PC6, PC8, PC12

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hour	368	368x1
Preparation for practical course	128	128x1
Preparation for final practical exam	4	4x21.25
Final practical exam	4	4x1.75
Total Workload		588
Estimated ECTS Credit		19.6
Approximate ECTS Credit		~20

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DPC200 – PC1	Restorative Dentistry		Compulsory	3	6
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC100 & DPC100	2	Academic Year	80%

Class Time	Class Hours		Learning Sessions			
	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	120	0	0	120	0	0

Learning Outcomes of the Committee	Upon completing this course, students will be able to;				
	LO 1	Apply the general principles of cavity preparation on phantom teeth.			
	LO 2	Perform Black Class I, Class II, and Class V cavity preparations on posterior phantom teeth.			
	LO 3	Place conventional and sectional matrix systems around the phantom tooth to be prepared.			
	LO 4	Manipulate different types of base materials according to their properties and apply them to the cavity floor.			

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	3	1	1	2	1	1	1	1	1	1	1	1	1
	LO 2	2	1	1	3	1	1	1	1	1	1	1	1	1
	LO 3	2	1	1	3	1	1	1	1	1	1	1	1	1
	LO 4	3	1	1	3	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee teaches the general principles of cavity preparation, which form the basis of restorative procedures. Students perform cavity preparations in accordance with Black's classification based on the morphological characteristics of posterior teeth and apply conventional and sectional matrix systems. They also gain clinical skills in the manipulation, placement, and adaptation of base materials within the cavity.													
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Committee Objectives	Objective 1	To teach the general principles of cavity preparation												
	Objective 2	To develop students' ability to perform cavity preparations in accordance with Black's classification based on the morphological characteristics of posterior teeth												
	Objective 3	To demonstrate the application of conventional and sectional matrix systems												
	Objective 4	To develop practical skills in the placement and adaptation of base materials within the cavity.												

Textbook / Resources	Resource 1	Ritter AV, Boushell LW, Walter R. Sturdevant's Art and Science of Operative Dentistry. 7th ed. Elsevier Health Sciences, 2017.												
	Resource 2	Garg N, Garg A. Textbook of Operative Dentistry. 3rd ed. Jaypee Brothers Medical Publishers, 2015.												
	Resource 3	Dayangaç B. Composite Resin Restorations. Quintessence Publishing Türkiye, 2000.												
	Resource 4	Demonstration videos.												

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Peer Assessment	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☐	☐	☒	☐	☒	☒

Committee Content	Department	Subject	Activities	Resource	Hour
	Restorative Dentistry	Discussion of the general principles of cavity preparation and reinforcement of knowledge through demonstration	KRS	1-4	2
		Black Class I cavity preparation on maxillary and mandibular premolars	KRS	1-4	8
		Black Class I cavity preparation on maxillary and mandibular molars	KRS	1-4	8
		Quiz I		1-4	2
		Black Class V cavity preparation	KRS	1-4	8
		Discussion and application of conventional and sectional matrix systems	KRS	1-4	8
		Black Class II (two-surface) cavity preparation on premolars	KRS	1-4	8
		Black Class II (two-surface) cavity preparation on molars	KRS	1-4	8
		Black Class II (three-surface) cavity preparation on premolars	KRS	1-4	8
		Black Class II (three-surface) cavity preparation on molars	KRS	1-4	16
		Quiz II		1-4	2
		Zinc phosphate cement base applications	KRS	1-4	8
		Glass ionomer cement base applications	KRS	1-4	8
		Amalgam restoration applications	KRS	1-4	24
		Quiz III		1-4	2
		Final practical examination		1-4	2

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	In-term homework/quiz average	16.5	1-4	PC1, PC4
	2	Final practical examination	16.5	1-4	PC1, PC4

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hour	15	15x8
Preparation for practical course	15	15x2
Preparation for final practical exam	1	1x25
Final practical exam	1	1x2
Total Workload		177
Estimated ECTS Credit		5.9
Approximate ECTS Credit		~ 6

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DPC200 – PC2	Endodontics		Compulsory	3	7
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC100 & DPC100	2	Academic Year	80%

Class Time	Class Hours		Learning Sessions			
	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	120	0	0	120	0	0

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:					
	LO 1	Identify hand instruments and materials used in endodontic treatment and use them appropriately for their intended purposes.				
	LO 2	Apply the general principles of access cavity preparation on natural teeth.				
	LO 3	Perform access cavity preparation on maxillary and mandibular natural teeth.				
	LO 4	Determine the root canal lengths of single-rooted teeth radiographically.				
	LO 5	Perform cleaning, shaping, irrigation, and root canal obturation procedures in single-rooted teeth using conventional methods.				

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	3	2	1	3	1	1	1	1	1	1	1	1	1
	LO 2	3	2	1	3	1	1	1	1	1	1	1	1	1
	LO 3	3	2	1	3	1	1	1	1	1	1	1	1	1
	LO 4	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 5	2	1	1	3	1	2	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee introduces the hand instruments and materials used in endodontic treatment and teaches the general principles of access cavity preparation. Students learn to perform access cavity preparations in maxillary and mandibular teeth and apply working length determination, cleaning, shaping, irrigation, and root canal filling procedures in single-rooted teeth using conventional methods.
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Committee Objectives	Objective 1	To introduce the hand instruments and materials used in endodontic treatment
	Objective 2	To teach the general principles of access cavity preparation as the first step of root canal treatment
	Objective 3	To provide students with practical experience in performing access cavity preparations in maxillary and mandibular teeth
	Objective 4	To develop students' practical skills in working length determination, cleaning, shaping, irrigation, and root canal filling procedures in single-rooted teeth using conventional methods.
	Objective 5	To reinforce preclinical endodontic competencies through practical applications on extracted teeth.

Textbook / Resources	Resource 1	Alaçam, T. E., Uzel, D., Alaçam, A., & Aydın, M. E. (2012). Endodontics. Ankara: Ozyurt Printing House.
	Resource 2	Berman LH, Hargreaves KM. (2020). Cohen's Pathways of the Pulp Expert Consult. 12th ed. Elsevier, Canada.
	Resource 3	Torabinejad, M., & Walton, R. E. (Eds.). (2011). Endodontics: Principles and practice (R. Erişen, Trans. Ed.). Istanbul: Nobel Medical Bookstore.
	Resource 4	Demonstration videos.

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Peer Assessment	Report Preparation	Team / Group Work	Brainstorming
	☑	☑	☑	☑	☐	☑	☐	☐	☑	☐	☑	☑

	Department	Subject	Activities	Resource	Hour
Committee Content	Endodontics	Hand tools and materials used in endodontic treatment	KRS	1-4	4
		Discussion and demonstration of general principles of access cavity in endodontics	KRS	1-4	4
		Endodontic access cavity preparation in maxillary incisors	KRS	1-4	8
		Endodontic access cavity preparation in mandibular incisors	KRS	1-4	4
		Endodontic access cavity preparation in maxillary canines	KRS	1-4	8
		Endodontic access cavity preparation in mandibular canines	KRS	1-4	8
		Endodontic access cavity preparation in maxillary premolars	KRS	1-4	8
		Endodontic access cavity preparation in mandibular premolars	KRS	1-4	8
		Endodontic access cavity preparation in maxillary molars	KRS	1-4	12
		Endodontic access cavity preparation in mandibular molars	KRS	1-4	12
		Preparation of teeth for cavity preparation in single-rooted teeth	KRS	1-4	4
		Determination of working length in single-rooted teeth	KRS	1-4	8
		Discussion and demonstration of general principles in cleaning and shaping root canals in single-rooted teeth	KRS	1-4	4
		Discussion and demonstration of general principles of filling root canals in single-rooted teeth	KRS	1-4	4
		Cleaning and shaping root canals in single-rooted teeth	KRS	1-4	12
		Filling root canals in single-rooted teeth	KRS	1-4	12
		Final practical examination		1-4	2

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	In-term homework/quiz average	16.5	1-4	PC1, PC2, PC4, PC6
	2	Final practical examination	16.5	1-4	PC1, PC2, PC4, PC6

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hour	30	30x4
Preparation for practical course	30	30x2
Preparation for final practical exam	1	1x25
Final practical exam	1	1x2
Total Workload		207
Estimated ECTS Credit		6.9
Approximate ECTS Credit		~7

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DPC200 – PC3	Dentomaxillofacial Radiology		Compulsory	1	1
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC100 & DPC100	2	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	8	0	0	8	0	0

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:													
	LO 1	Distinguish the components of intraoral X-ray units and describe their operational features.												
	LO 2	Obtain radiographic images from different regions of the maxilla and mandible using the bisecting-angle technique.												
	LO 3	Apply radiation protection principles while obtaining radiographic images.												

Relationship Between Learning Outcomes and Program		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	1	1	1	4	1	1	1	1	1	1	1	1	1
	LO 2	2	1	1	3	1	1	1	1	1	1	1	1	1
	LO 3	2	1	1	1	1	1	1	4	1	1	1	1	1

Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good

Committee Description	This committee teaches the structure, working principles, and use of intraoral radiography devices. Students obtain radiographic images from different regions of the maxilla and mandible using the bisecting angle technique and relate radiation safety and protection principles to clinical practice.													
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Committee Objectives	Objective 1	To teach the components and use of intraoral dental films and radiography devices used in dentistry												
	Objective 2	To demonstrate the principles and practical methods of radiation protection during intraoral radiographic procedures												
	Objective 3	To demonstrate and provide practical training in obtaining radiographic images from different regions using the bisecting angle technique.												

Textbook / Resources	Resource 1	Mallya, S. M., & Lam, E. W. N. (2019). White and Pharaoh's oral radiology (8th ed.). Elsevier.												
	Resource 2	Özcan, I. (2017). Dış Hekimliğinde Radyolojinin Esasları Konvansiyonelden-Dijitale. 1st ed. İstanbul Medikal Sağlık ve Yayıncılık, İstanbul.												
	Resource 3	Course materials												

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☐	☐	☒	☐	☒	☒

Committee Content	Department	Subject	Activities	Resource	Hour
	Dentomaxillofacial Radiology	Application of bisecting angle technique in the anterior region of maxilla	KRS	1-3	1
		Application of bisecting angle technique in the molar region of maxilla	KRS	1-3	1
		Application of the bisecting angle technique in the canine region of the mandible	KRS	1-3	1
		Application of the bisecting angle technique in the premolar region of the mandible	KRS	1-3	1
		Quiz		1-3	4
		Final practical examination		1-3	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	In-term homework/quiz average	0.5	1-3	PC1, PC4, PC8
	2	Final practical examination	0.5	1-3	PC1, PC4, PC8

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.													
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hour	8	8x1
Preparation for practical course	8	8x1
Preparation for final practical exam	1	1x10
Final practical exam	1	1x1
Total Workload		27
Estimated ECTS Credit		0.9
Approximate ECTS Credit		~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DPC200 – PC4	Prosthodontics		Compulsory	3	6
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC100 & DPC100	2	Academic Year	80%

Class Time	Class Hours		Learning Sessions			
	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	120	0	0	120	0	0

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:														
	LO 1	Apply the general principles of tooth preparation on phantom teeth.													
	LO 2	Perform tooth preparations for full crowns and bridges on maxillary and mandibular phantom teeth.													
	LO 3	Apply preparation principles for different partial-coverage restoration options on maxillary and mandibular phantom teeth.													
	LO 4	Take an impression of the prepared area and produce a plaster cast.													
	LO 5	Fabricate a provisional restoration on the cast.													
	LO 6	Design a wax framework for full-crown and bridge restorations on the cast.													
	LO 7	Evaluate peers' performance using specified criteria in collaboration with team members.													

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	3	2	1	2	1	1	1	1	1	1	1	1	1
	LO 2	3	2	1	2	1	1	1	1	1	1	1	1	1
	LO 3	2	2	1	2	1	1	1	1	1	1	1	1	1
	LO 4	3	1	1	3	1	1	1	1	1	1	1	1	1
	LO 5	3	1	1	3	1	1	1	1	1	1	1	1	1
	LO 6	2	2	1	3	1	1	1	1	1	1	1	1	1
	LO 7	1	1	1	1	1	1	1	1	1	1	1	3	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee provides instruction on preparation, impression-taking, model fabrication, and provisional restoration production processes used in fixed prosthetic treatments. Students perform preparations for full crowns, bridges, and partial restorations on maxillary and mandibular phantom teeth, take impressions, and obtain gypsum models. They also carry out provisional restoration and wax framework design, and develop professional critique and assessment skills through peer evaluation.													
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Committee Objectives	Objective 1	To teach tooth preparation methods for different restoration options												
	Objective 2	To provide practical training in preparation principles on maxillary and mandibular phantom teeth												
	Objective 3	To demonstrate the steps of impression-taking and the process of obtaining gypsum models												
	Objective 4	To teach and provide practical training in the production stages of provisional restorations and frameworks.												

Textbook / Resources	Resource 1	Ünsal K, Üzümez A (çeviri ed.) Shillingburg HT, Hobo S, Whittset LD, Jacobi R, Brackett SE. (2019). Sabit Protezin Temelleri. 3. baskı. Quintessence Publishing Türkiye.												
	Resource 2	Rosenstiel SF, Land MF, Walter R (2022). Contemporary Fixed Prosthodontics. 6th Ed., Mosby.												
	Resource 3	Zaimoğlu A, Can G. (2004). Sabit Protezler. Ankara Üniversitesi Diş Hekimliği Fakültesi Yayinevi, Ankara.												
	Resource 4	Course materials												

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Peer Assessment	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☐	☐	☒	☐	☒	☒

Committee Content	Department	Subject	Activities	Resource	Hour
	Prosthodontics	General principles of tooth preparation and introduction to materials and equipment	KRS	1-4	8
		Maxillary central incisor preparation	KRS	1-4	8
		Maxillary canine preparation	KRS	1-4	8
		Maxillary premolar preparation	KRS	1-4	8
		Maxillary first molar preparation	KRS	1-4	8
		Laminate veneer preparation for maxillary anterior teeth	KRS	1-4	8
		Inlay, onlay, and endocrown preparation	KRS	1-4	8
		Maxillary central incisor–canine bridge preparation and impression taking	KRS	1-4	8
		Maxillary first premolar–first molar bridge preparation	KRS	1-4	8
		Fabrication of a temporary restoration for the maxillary central incisor–canine region	KRS	1-4	8
		Mandibular first premolar–first molar bridge preparation and impression taking	KRS	1-4	8
		Framework design for a mandibular first premolar–first molar bridge	KRS	1-4	8
		Quiz 1	KRS	1-4	8
		Quiz 2	KRS	1-4	8
		Peer assessment		1-4	6
		Final practical examination		1-4	2

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	In-term homework/quiz average	16.5	1-4	PC1, PC2, PC4, PC12
	2	Final practical examination	16.5	1-4	PC1, PC2, PC4, PC12

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.													
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hour	15	15x8
Preparation for practical course	15	15x2
Preparation for final practical exam	1	1x25
Final practical exam	1	1x2
Total Workload		177
Estimated ECTS Credit		5.9
Approximate ECTS Credit		~ 6

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
DCS200	Communication Skills in Dentistry		Compulsory	1	2
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Online	-	2	Spring	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
14	0	0	0	0	0	14

Learning Outcomes of the Course	Upon completing this course, students will be able to;													
	LO 1	Define the concept and characteristics of communication.												
	LO 2	Apply knowledge of communication barriers and methods to improve communication.												
	LO 3	Use listening and speaking skills to improve communication.												
	LO 4	Apply general communication principles to address complaints and solve problems in dentistry.												
	LO 5	Apply knowledge of communication difficulties to improve communication in dentistry.												
	LO 6	Use skills for delivering bad news to improve communication in dentistry.												
	LO 7	Apply knowledge of risk management to improve communication in dentistry.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	1	1	1	1	1	5	1	1	2	1
	LO 2	2	1	1	1	1	1	1	1	5	1	1	2	1
	LO 3	2	1	1	1	1	1	1	1	5	1	1	2	1
	LO 4	2	1	1	1	1	1	1	1	5	1	1	2	1
	LO 5	2	1	1	1	1	1	1	1	5	1	1	2	1
	LO 6	2	1	1	1	1	1	1	1	5	1	1	2	1
	LO 7	2	1	1	1	1	1	1	1	5	1	1	2	1

Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good

Course Description	This course is designed to develop dental students' effective communication and risk management skills. Students become familiar with the concept of communication and communication barriers, and develop their listening, speaking, and problem-solving skills. In addition, they learn to use appropriate communication strategies in complaint management, breaking bad news, and risk management processes in dentistry.
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Course Objectives	Objective 1	To teach communication and risk management skills
	Objective 2	To develop students' competence in effective communication with patients and healthcare personnel
	Objective 3	To provide opportunities for students to apply these skills in their future professional lives.

Textbook / Resources	Resource 1	Freeman R, Humphris G. Communicating in Dental Practice: Stress-Free Dentistry and Improved Patient Care. Quintessence Publishing Co. Ltd., London, 2005.
	Resource 2	Aleksandrova V, Stoykova M, Musurlieva N. Communication skills in dental practice: A review. Stomatology Education Journal. 2016;3(1-2):63-67.
	Resource 3	Mantha S, Sivaramakrishna. Handbook on Communication Skills for Public Managers. Center for Good Governance, 2016.
	Resource 4	Lecture notes.

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☐	☐	☒	☐	☒	☒	☒	☐	☒

Course Content	Department	Subject	Activities	Resource	Hour
	General Communication	Introduction: Definition of communication	ILS	1-4	1
		Characteristics of communication	ILS	1-4	1
		Verbal and non-verbal communication	ILS	1-4	1
		Communication barriers and communication strategies	ILS	1-4	1
	Communication in Dentistry	Listening & speaking	ILS	1-4	2
		Introduction to communication in dentistry	ILS	1-4	1
		Basic communication skills	ILS	1-4	1
		General principles for handling complaints and problem solving	ILS	1-4	1
		Communication in special dental situations	ILS	1-4	1
		Communication difficulties	ILS	1-4	1
		Breaking bad news	ILS	1-4	1
		Risk management	ILS	1-4	2
		Project		1-4	2

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
1	Project	100	1-4	PC1, PC9, PC12

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	14	14x1
Preparation for theoretical course	14	14x1
Preparation for project	1	1x20
Project presentation	1	1x1
Total Workload		49
Estimated ECTS Credit		1.63
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
DTC300	Year 3 Theoretical Committees		Compulsory	9	18
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
208	0	0	0	0	8	200

Learning Outcomes of the Course	Upon completing this course, students will be able to:													
	LO 1	Discuss possible diagnoses and treatment priorities in adult and pediatric patients by evaluating medical and dental histories together with clinical and radiographic findings.												
	LO 2	Classify partially edentulous conditions and explain the design principles, retentive components, and treatment indications of removable partial dentures.												
	LO 3	Relate the etiology and immune response of periodontal diseases to their clinical and radiographic findings, and summarize surgical and non-surgical treatment options, pharmacological agents, and principles of supportive therapy.												
	LO 4	Explain single- and multiple-visit approaches to root canal treatment, the main factors affecting treatment success, and the endodontic treatment principles followed in endodontic-periodontal lesions and root resorption.												
	LO 5	Explain the basic mechanisms of action and principles of use of local anesthetic agents, and discuss the importance of complications, bleeding control, wound healing, and infection control in dental surgical procedures.												
	LO 6	Explain the fundamental principles of minimally invasive and adhesive restorative approaches for teeth with loss of tooth structure, and evaluate the indications, advantages, and limitations of composite resins and stainless-steel crowns.												
	LO 7	Explain the effects of childhood and adult systemic diseases on dental treatment planning and the relationship between the principal drugs used for these diseases and dental treatment.												
	LO 8	Explain the effects of growth and development on craniofacial structures, and interpret the relationship between this process and dentoskeletal and orthodontic anomalies.												

The Relationship Between Learning Outcomes and Program Competencies	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	3	4	4	3	1	3	4	3	2	1	1	1
	LO 2	2	3	3	4	1	2	1	3	1	1	1	1
	LO 3	3	3	4	3	1	2	5	1	2	1	1	1
	LO 4	3	3	1	3	1	3	1	2	1	1	1	1
	LO 5	3	3	4	3	1	2	1	3	3	1	1	1
	LO 6	3	3	1	3	1	2	1	1	1	1	1	1
	LO 7	3	3	4	1	1	2	2	1	1	1	1	1
	LO 8	2	4	3	3	1	2	2	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good													

Course Description	This course provides the fundamental theoretical background for the diagnosis, treatment, and prevention of common clinical conditions encountered in oral and dental health. It adopts an integrated framework, starting from patient history-taking and examination, and including treatment planning, restorative and prosthetic approaches, principles of root canal and periodontal treatment, local anesthesia and simple surgical procedures, and the dental evaluation of systemic diseases.
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Course Objectives	Objective 1	To explain the steps of diagnosis and treatment planning for odontogenic problems in adult and pediatric patients using history-taking, clinical examination, and basic radiographic evaluation
	Objective 2	To teach the basic design principles of removable prostheses in partial and complete edentulism, the factors affecting retention, and the clinical and laboratory stages
	Objective 3	To summarize the main mechanisms of periodontal diseases, diagnosis and risk assessment, surgical and non-surgical treatment options, and supportive periodontal therapy
	Objective 4	To define the properties of materials used in root canal treatment, treatment success and complications, and the principles of pulp therapy in primary and immature permanent teeth
	Objective 5	To explain the basic stages of local anesthesia techniques, tooth extraction, and minor surgical procedures, as well as possible complications and principles of infection control
	Objective 6	To present the causes of hard tissue loss in teeth, the indications of major restorative materials and techniques, and the principles of modern cavity design and adhesion
	Objective 7	To relate the effects of childhood diseases and adult systemic diseases on oral and dental health, relevant laboratory tests, and basic systemic medications used in dentistry to dental treatment
	Objective 8	To provide the knowledge foundation required to evaluate orthodontic problems at a basic level by explaining growth and development processes, the etiology of malocclusion, orthodontic diagnostic steps, and the basic indications of removable appliances.

Textbook / Resources	Resource 1	CS-1 Resources
	Resource 2	CS-2 Resources
	Resource 3	CS-3 Resources
	Resource 4	CS-4 Resources
	Resource 5	CS-5 Resources
	Resource 6	CS-6 Resources
	Resource 7	CS-7 Resources
	Resource 8	CS-8 Resources

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☑

Course Content	Department	Subject	Activities	Resource	Hour
	CS-1	CS-1 Committee Content	ILS, RS	1-6	36
	CS-2	CS-2 Committee Content	ILS, RS	1-7	38
	CS-3	CS-3 Committee Content	ILS, RS	1-3	26
	CS-4	CS-4 Committee Content	ILS, RS	1-7	20
	CS-5	CS-5 Committee Content	ILS, RS	1-9	26
	CS-6	CS-6 Committee Content	ILS, RS	1-14	22
	CS-7	CS-7 Committee Content	ILS, RS	1-6	21
	CS-8	CS-8 Committee Content	ILS, RS	1-5	19

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Weighted average of committee exams	60	CS 1-8	PC1, PC2, PC3, PC4, PC6, PC7, PC8, PC9
	2	End-of-year comprehensive theoretical examination - Session 1	20	CS 1,2,4,6	PC1, PC2, PC3, PC4, PC6, PC7, PC8, PC9
	3	End-of-year comprehensive theoretical examination - Session 2	20	CS 3,5,7,8	PC1, PC2, PC3, PC4, PC6, PC7, PC8, PC9

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool		Quantity
Theoretical course hour		200x1
Preparation for the theoretical course		200
Preparation for the committee exam		8
Committee exam		8
Discussion session after the committee exam		8
Preparation for the final theoretical exam		1
Final theoretical exam		1
Total Workload		547
Estimated ECTS Credit		18.23
Approximate ECTS Credit		~18

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC300 – CS1	Examination		Compulsory	1	4
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
36	0	0	0	0	1	35

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:													
	LO 1	Explain the relationship between systemic diseases and oral lesions based on the patient's medical and dental history.												
	LO 2	Relate systemic diseases to dental treatment protocols.												
	LO 3	Select the appropriate examination technique for the region to be examined and explain the findings that may be obtained.												
	LO 4	Select commonly used extraoral radiographic techniques for the head and neck region according to the clinical case.												
	LO 5	Classify types of odontogenic pain, relate them to clinical and radiographic examination findings, and determine the treatment plan according to urgency.												
	LO 6	Classify digital imaging methods and list the causes of radiographic errors.												
	LO 7	List behavior guidance techniques used in pediatric patients.												
	LO 8	Describe the eruption process of primary and permanent teeth.												
	LO 9	List the examination methods and radiographic techniques used in pediatric patients.												
	LO 10	List the types of dental anomalies and relate them to their radiographic findings.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	3	3	4	1	1	1	4	1	1	1	1	1	1
	LO 2	3	4	3	1	1	3	3	1	1	1	1	1	1
	LO 3	3	2	2	1	1	1	4	1	1	1	1	1	1
	LO 4	2	1	1	3	1	1	2	3	1	1	1	1	1
	LO 5	3	4	1	2	1	2	3	1	1	1	1	1	1
	LO 6	2	1	1	3	1	1	1	3	1	1	1	1	1
	LO 7	2	1	1	1	1	1	1	1	4	1	1	1	1
	LO 8	2	2	1	1	1	1	2	1	1	1	1	1	1
	LO 9	2	2	1	2	1	1	4	2	1	1	1	1	1
	LO 10	2	2	2	1	1	2	3	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee outlines the fundamental principles of patient assessment and treatment planning in dentistry. It aims to provide students with the basic principles of history-taking, clinical examination, radiographic evaluation, and the approach to pediatric patients.
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Committee Objectives	Objective 1	To explain the principles of medical and dental history-taking in adult and pediatric patients, as well as the basic assessment steps of odontogenic pain
	Objective 2	To define the relationship of common systemic diseases with intraoral, head and neck, and radiographic findings, and to discuss their effects on prophylaxis and treatment planning
	Objective 3	To summarize the basic steps of extraoral and intraoral examination of the head and neck region, the main two-dimensional radiographic techniques used in dentistry, and common artifacts
	Objective 4	To explain the basic concepts related to behavior management, tooth eruption, physiological root resorption, and primary tooth occlusion in pediatric patients
	Objective 5	To summarize the fundamental principles of endodontic patient examination, the diagnostic process for pulpal and periapical conditions, and the main endodontic treatment options.

Textbook / Resources	Resource 1	Mallya SM, Lam EWN (2019). White And Pharaoh's Oral Radiology: Principles and Interpretation. 8th Ed. Elsevier, Missouri.
	Resource 2	Glick M, Greenberg MS, Lockhart PB, Challacombe SJ (2021). Burket's Oral Medicine. 13th ed. Wiley Blackwell Inc. US.
	Resource 3	Dean J (2021). McDonald and Avery's Dentistry for the Child and Adolescent. 11th ed. Elsevier, Amsterdam.
	Resource 4	Nowak A (2018). Pediatric Dentistry Infancy Through Adolescence. 6th ed. Elsevier, Amsterdam.
	Resource 5	Chong BS, Özçelik B (2019). Harty Klinik Uygulamada Endodonti. 7. baskı. Elsevier-Güneş Tıp Kitabevi, Ankara.
	Resource 6	Lecture notes.

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐

Content Committee	Department	Subject	Activities	Resource	Hour	
	Dentomaxillofacial Radiology	Anamnesis form, patient history and patient complaint, vital signs	ILS	1,2,6	1	
		Odontogenic pain	ILS	1,2,6	1	
		Diagnosis and treatment planning	ILS	1,2,6	1	
		Prophylaxis and dental considerations in cardiovascular patients	ILS	1,2,6	1	
		Dental considerations in endocrine system and respiratory system diseases	ILS	1,2,6	2	
		Dental considerations in hematological diseases	ILS	1,2,6	1	
		Dental considerations in gastrointestinal system and renal diseases	ILS	1,2,6	1	
		Dental considerations in liver diseases	ILS	1,2,6	1	
		Dental considerations in rheumatic diseases	ILS	1,2,6	1	
		Dental considerations in other systemic diseases	ILS	1,2,6	1	
		Examination techniques	ILS	1,2,6	1	
		Extraoral examination	ILS	1,2,6	1	
		Paranasal sinuses and TMJ examination	ILS	1,2,6	1	
		Lymph nodes, thyroid and trachea examination	ILS	1,2,6	1	
		Intraoral examination findings-1	ILS	1,2,6	1	
		Intraoral examination findings-2	ILS	1,2,6	1	
		Extraoral radiography techniques	ILS	1,2,6	2	
		Extraoral anatomical landmarks	ILS	1,2,6	1	
		Digital imaging methods	ILS	1,2,6	1	
		Artifacts in 2D dental imaging	ILS	1,2,6	1	
		Pedodontics	Behavior management	ILS	3,4,6	2
			Tooth eruption and physiological root resorption	ILS	3,4,6	2
	Dental anomalies		ILS	3,4,6	2	
	Primary teeth occlusion		ILS	3,4,6	2	
	Examination and treatment plan in children		ILS	3,4,6	4	
	Endodontics	Endodontic patient examination	ILS	5,6	1	
	Multidisciplinary	Committee exam		1-6	1	
		Post-exam discussion session	RS	1-6	1	
		Final theoretical exam		1-6	1	

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	11.4	1-6	PC1, PC2, PC3, PC4, PC6, PC7, PC8, PC9
	2	Final theoretical exam	7.6	1-6	PC1, PC2, PC3, PC4, PC6, PC7, PC8, PC9

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	35	35×1
Preparation for theoretical course	35	35×0.5
Preparation for the committee exam	1	1×30
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1
Preparation for the final theoretical exam	1	1×20
Final theoretical exam	1	1×1
	Total Workload	105.5
	Estimated ECTS Credit	3.51
	Approximate ECTS Credit	~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC300 – CS2	Removable Dentures		Compulsory	2	4
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
38	0	0	0	0	1	37

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:				
	LO 1	Classify partially edentulous arches and determine the appropriate treatment indication accordingly.			
	LO 2	Relate anatomical structures to retention in removable prosthodontics and explain the boundaries of the prosthesis.			
	LO 3	Describe the structural components of removable prostheses and list their clinical and laboratory fabrication stages.			
	LO 4	Select the materials and techniques to be used clinically and in the laboratory according to the case.			
	LO 5	Describe the problems encountered during and after the delivery of removable prostheses, and explain their causes and solutions.			

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	3	1	1	1	1	1	1	1	1	1	1	1
	LO 2	2	3	3	1	1	1	1	1	1	1	1	1	1
	LO 3	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 4	2	2	2	4	1	1	1	1	1	1	1	1	1
	LO 5	2	2	2	2	1	1	1	1	3	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee examines the fundamental concepts, biomechanical principles, and theoretical aspects of the clinical and laboratory stages related to the planning and design of complete and partial removable prostheses. Students gain the necessary knowledge foundation for future clinical practice by understanding the indications, structure, and function of removable prostheses.
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Committee Objectives	Objective 1	To teach the classifications of partial edentulism and the basic anatomical and physical factors that guide the design of complete and partial removable prostheses
	Objective 2	To explain the properties and indications of the main impression materials and impression techniques used in complete and partial removable prostheses
	Objective 3	To teach the basic principles of vertical dimension, centric relation, occlusion, and tooth arrangement in complete dentures
	Objective 4	To describe the clinical and laboratory stages of complete and partial removable prostheses in sequence and to teach the key points to be considered at each stage
	Objective 5	To explain adaptation problems that may occur after the delivery of removable prostheses, as well as maintenance-hygiene principles and basic repair approaches

Textbook / Resources	Resource 1	Ulusoy M, Aydın AK (2010). Dış Hekimliğinde Hareketli Bölümlü Protezler. 1. ve 2. cilt. 3. baskı. Ankara Üniversitesi Basımevi, Ankara.
	Resource 2	Can G, Ersoy AE, Aksu ML (2015). Dış Hekimliğinde Maddeler Bilgisi. 2. baskı. Yurtmim Yayıncılık, Ankara.
	Resource 3	Jones JD, Garcia LT (2013). Hareketli Bölümlü Protezler Klinisyenin Rehberi. Çeviri Editörü: Uludağ B, Eroğlu E. 1. baskı. Wiley-Blackwell, Dentsem
	Resource 4	Hayakawa I (2007). Total Protezlerin Temel İlkeleri ve Pratiği: Protezlerin Zihinde Canlandırılması. Çeviri Editörü: Kazazoğlu E. Quintessence Yayıncılık, İstanbul
	Resource 5	Çalikkocaoglu S (2013). Dışsız Hastaların Protetik Tedavisi Klasik Tam Protezler. 6. baskı. Quintessence Yayıncılık, İstanbul
	Resource 6	Kulak Özkan Y (2012). Tam Protezler ve İmplantüstü Hareketli Protezler. Vestiyer Yayın Grubu, İstanbul.
	Resource 7	Lecture notes

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☐

Content Committee	Department	Subject	Activities	Resource	Hour
	Prosthetic Dentistry	Complete and partial edentulism concepts, introduction to removable dentures, classification of partially edentulous arches	ILS	1-7	1
		Evaluation of anatomical formations in the maxilla in terms of complete dentures	ILS	1-7	1
		Evaluation of anatomical formations in the mandible in terms of complete dentures	ILS	1-7	1
		Factors affecting retention in complete dentures	ILS	1-7	1
		Impression methods and impression materials in complete dentures	ILS	1-7	1
		Laboratory procedures in complete dentures	ILS	1-7	1
		Post-seal area and neutral zone	ILS	1-7	2
		Preparation of base plate and wax rims in complete dentures, transferring models to the occlusor	ILS	1-7	1
		Vertical dimension determination methods	ILS	1-7	1
		Horizontal jaw relations, determination of centric relations	ILS	1-7	1
		Artificial tooth materials	ILS	1-7	1
		Tooth alignment and occlusion in complete dentures	ILS	1-7	1
		Trial in complete dentures and phonation	ILS	1-7	2
		Base materials used in removable denture	ILS	1-7	2
		Finishing complete dentures, patient delivery, occlusal reductions, herbst tests	ILS	1-7	2
		Anatomical and functional impression in partial dentures	ILS	1-7	2
		Structural components of partial dentures	ILS	1-7	1
		Removable partial denture components - Direct and indirect retainers and rests	ILS	1-7	2
		Removable partial denture components - Major and minor connectors	ILS	1-7	2
		Retention and stabilization concepts in removable partial dentures	ILS	1-7	2
		Biomechanical concepts in removable partial dentures	ILS	1-7	1
		Base plate, wax rim, and obtaining occlusal records in partial dentures	ILS	1-7	1
		Bended clasps and manufacturing techniques in classical partial dentures	ILS	1-7	2
		Removable partial denture components - Denture base and artificial teeth	ILS	1-7	1
		Occlusion in removable partial dentures	ILS	1-7	1
		Laboratory stages of partial denture with framework	ILS	1-7	1
		Cleaning methods in removable dentures	ILS	1-7	1
		Repair in removable dentures	ILS	1-7	1
	Multidisciplinary	Committee exam		1-7	1
		Post-exam discussion session	RS	1-7	1
		Final theoretical exam		1-7	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	11.4	1-7	PC1, PC2, PC3, PC4, PC6, PC9
	2	Final theoretical exam	7.6	1-7	PC1, PC2, PC3, PC4, PC6, PC9

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	37	37×1
Preparation for theoretical course	37	37×0.5
Preparation for end-of-block exam	1	1×35
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1

Preparation for the final theoretical exam	1	1×20
Final theoretical exam	1	1×1
	Total Workload	113.5
	Estimated ECTS Credit	3.78
	Approximate ECTS Credit	~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC300 – CS3	Periodontal Treatment		Compulsory	1	2
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
26	0	0	0	0	1	25

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:				
	LO 1	Diagnose periodontal diseases and their etiological factors clinically and radiographically, and determine their prognosis.			
	LO 2	Describe the factors involved in the immune response of the periodontium.			
	LO 3	List the procedural steps, instruments, and equipment used in the treatment of different periodontal diseases.			
	LO 4	Describe the surgical phase of periodontal treatment and select appropriate resective and regenerative treatment methods for a given case.			
	LO 5	List the pharmaceutical agents used in the treatment of periodontal diseases and relate them to host modulation.			
	LO 6	Determine the need for supportive periodontal therapy.			

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
LO 1		3	3	1	1	1	2	3	1	2	1	1	1	1
LO 2		2	2	1	1	1	1	2	1	1	1	1	1	1
LO 3		2	3	1	3	1	2	4	1	1	1	1	1	1
LO 4		2	3	2	3	1	2	3	1	1	1	1	1	1
LO 5		2	2	4	1	1	2	3	1	2	1	1	1	1
LO 6		2	3	3	1	1	2	5	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee introduces the mechanisms underlying periodontal diseases, diagnostic and risk assessment processes, and the principles of surgical and non-surgical periodontal treatment. It also provides fundamental knowledge of the radiographic diagnosis of periodontal diseases and supportive periodontal therapy.
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Committee Objectives	Objective 1	To describe the basic mechanisms of immunity, inflammation, and bone loss patterns in periodontal diseases
	Objective 2	To teach the principles of periodontal clinical diagnosis, risk assessment, prognosis, and treatment planning
	Objective 3	To outline the basic principles and indications of non-surgical periodontal treatment options, such as scaling and root surface debridement, as well as surgical periodontal treatment options
	Objective 4	To demonstrate the importance of radiographic evaluation of periodontal diseases, endodontic-periodontal relationships, and supportive periodontal therapy in long-term patient follow-up and treatment success
	Objective 5	To emphasize the importance of patient education and motivation in the success of periodontal treatment.

Textbook / Resources	Resource 1	Çağlayan, G. (2018). Periodontoloji ve İmplantoloji. Quintessence Yayınları, Türkiye.
	Resource 2	Mallya SM, Lam EWN (2019). White And Pharaoh's Oral Radiology: Principles and Interpretation. 8th ed. Elsevier, Missouri
	Resource 3	Lecture notes.

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐

Content Committee	Department	Subject	Activities	Resource	Hour
	Periodontology	Immunity and inflammation	ILS	1,3	2
		Clinical diagnosis and risk assessment	ILS	1,3	1
		Bone loss patterns	ILS	1,3	1
		Occlusal trauma	ILS	1,3	1
		Relationship with endodontic lesions	ILS	1,3	1
		Prognosis and treatment planning	ILS	1,3	2
		Scaling and root planning	ILS	1,3	1
		Patient motivation	ILS	1,3	1
	Dentomaxillofacial Radiology	Periodontal radiology	ILS	2,3	2
		Periodontal treatment in women	ILS	1,3	1
	Periodontology	Aggressive and atypic periodontal treatment	ILS	1,3	1
		Periodontal abscess	ILS	1,3	1
		Treatment of acute periodontal disease	ILS	1,3	1
		Subgingival curettage	ILS	1,3	2
		Surgery phase of periodontal treatment and flap in periodontal pocket treatment	ILS	1,3	2
		Resective bone surgery and guided tissue regeneration	ILS	1,3	2
		Chemotherapeutic agents used in periodontal therapy	ILS	1,3	1
		Host modulation	ILS	1,3	1
		Relationship between periodontology and orthodontics, and supportive periodontal treatment	ILS	1,3	1
	Multidisciplinary	Committee exam		1-3	1
		Post-exam discussion session	RS	1-3	1
		Final theoretical exam		1-3	1

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
1	Committee exam	7.8	1-3	PC1, PC2, PC3, PC4, PC6, PC7, PC9
2	Final theoretical exam	5.2	1-3	PC1, PC2, PC3, PC4, PC6, PC7, PC9

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	25	25×1
Preparation for theoretical course	25	25×0.5
Preparation for the committee exam	1	1×20
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1
Preparation for the final theoretical exam	1	1×7
Final theoretical exam	1	1×1
Total Workload		67.5
Estimated ECTS Credit		2.25
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC300 – CS4	Dental Tissue Diseases and Treatments IV		Compulsory	1	1
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	Year 3	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
20	0	0	0	0	1	19

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:													
	LO 1	Compare single-visit and multiple-visit approaches to root canal treatment, select the appropriate number of visits according to case characteristics, and justify the selection.												
	LO 2	List the aseptic protocols for equipment used in endodontic treatment.												
	LO 3	Diagnose and classify dental anomalies and determine the appropriate endodontic approach.												
	LO 4	Evaluate the success of endodontic treatment, classify complications, and select an appropriate management method.												
	LO 5	Distinguish endodontic-periodontal lesions and list their treatment methods.												
	LO 6	Diagnose and classify root resorptions and explain the appropriate endodontic approach.												
	LO 7	Explain the effects of restorative procedures on the dental pulp.												
	LO 8	List the principles of cavity preparation in primary teeth and the stages of pulp treatment in primary and young permanent teeth.												
	LO 9	Explain the main properties of root canal sealers and their role in treatment success, and select an appropriate root canal sealer according to the case.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 2	1	1	1	2	1	1	1	2	1	1	1	1	1
	LO 3	3	3	1	1	1	3	1	1	1	1	1	1	1
	LO 4	3	2	1	1	1	2	1	1	1	1	1	1	1
	LO 5	2	3	1	1	1	2	1	1	1	1	1	1	1
	LO 6	3	3	1	1	1	2	1	1	1	1	1	1	1
	LO 7	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 8	3	2	1	1	1	3	1	1	1	1	1	1	1
	LO 9	2	1	1	3	1	2	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee provides knowledge of the materials used in root canal treatment, the evaluation of success and complications, and endodontic approaches in special clinical situations. It also covers the fundamental principles of pulp treatments in primary and immature permanent teeth.
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Committee Objectives	Objective 1	To define the basic properties and indications of root canal filling materials and to teach appropriate material selection according to the specific case
	Objective 2	To explain the basic principles and importance of sterilization and infection control for endodontic instruments and materials
	Objective 3	To discuss the factors affecting the success of endodontic treatment, possible complications, and conditions requiring retreatment
	Objective 4	To teach basic endodontic approaches in special clinical situations such as endodontic-periodontal lesions, root resorptions, and dental anomalies
	Objective 5	To describe the principles of cavity preparation and pulp treatment in primary and immature permanent teeth.

Textbook / Resources	Resource 1	Chong BS. Harty's Endodontics in Clinical Practice. 7th ed. Translation editor: Özçelik B. Elsevier, Güneş Medical Bookstore, Ankara, 2019.
	Resource 2	Torabinejad M, Fouad AF, Shahbahang S. Endodontics: Principles and Practice. 6th ed. Elsevier, 2021.
	Resource 3	Berman LH, Hargreaves K. Cohen's Pathways of the Pulp. 12th ed. Elsevier, 2021.
	Resource 4	Fuks AB, Peretz B. Pediatric Endodontics: Current Concepts in Pulp Therapy for Primary and Young Permanent Teeth. Springer, 2016.
	Resource 5	Srivastava VJK. Modern Pediatric Dentistry. Jaypee Brothers Medical Publishers, 2011.
	Resource 6	Welbury R, Duggal MS, Hosey MT. Paediatric Dentistry. 5th ed. Oxford University Press, 2018.
	Resource 7	Lecture notes.

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☑	☑	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Endodontics	Root canal filling materials	ILS	1-3,7	2
		Sterilization of endodontic instruments and materials	ILS	1-3,7	1
		Evaluation of success in endodontic treatment	ILS	1-3,7	1
		Complications of endodontic treatment	ILS	1-3,7	2
		Single and multi-session root canal treatments	ILS	1-3,7	1
		Endodontic-periodontal lesions	ILS	1-3,7	1
		Endodontic approach in dental anomalies	ILS	1-3,7	2
		Renewal of root canal filling (Retreatment)	ILS	1-3,7	1
		Root resorptions	ILS	1-3,7	2
	Pedodontics	Cavity preparation principles in primary teeth	ILS	4-7	2
		Pulp treatment in primary and young permanent teeth	ILS	4-7	4
	Multidisciplinary	Committee exam		1-7	1
		Post-exam discussion session	RS	1-7	1
		Final theoretical exam		1-7	1

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
1	Committee exam	4.8	1-4	PC1, PC2, PC4, PC6, PC8
2	Final theoretical exam	3.2	1-4	PC1, PC2, PC4, PC6, PC8

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	19	19×1
Preparation for theoretical course	19	19×0.5
Preparation for the committee exam	1	1×7
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1
Preparation for the final theoretical exam	1	1×3
Final theoretical exam	1	1×1
Total Workload		41.5
Estimated ECTS Credit		1.38
Approximate ECTS Credit		~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC300 – CS5	Introduction to Local Anesthesia and Minor Surgical Procedures		Compulsory	1	2
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
26	0	0	0	0	1	25

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:													
	LO 1	List the historical stages and development of local anesthesia.												
	LO 2	Describe nerve conduction mechanisms and the innervation of the teeth.												
	LO 3	Select an appropriate anesthetic agent according to the patient's systemic condition.												
	LO 4	Explain the anesthesia technique appropriate for the procedure to be performed.												
	LO 5	Compare dental anesthesia procedures in pediatric patients with those used in adults.												
	LO 6	List the complications of local anesthesia and their management.												
	LO 7	Identify the materials and instruments used in surgical practice, and list incision, flap, and suturing techniques.												
	LO 8	List the indications and contraindications for tooth extraction and explain extraction techniques.												
	LO 9	Explain the causes and management of tooth extraction complications.												
	LO 10	Describe the phases of wound healing and relate the factors affecting wound healing to complications.												
	LO 11	Explain the types of bleeding and methods of bleeding control.												
	LO 12	List infection-control methods, devices, and materials.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	1	1	1	3	1	1	1	1	1	1	1	1	1
	LO 2	3	3	1	3	1	1	1	1	1	1	1	1	1
	LO 3	2	3	4	1	1	1	1	1	1	1	1	1	1
	LO 4	3	2	1	1	1	1	1	1	1	1	1	1	1
	LO 5	3	1	1	1	1	1	1	1	3	1	1	1	1
	LO 6	2	2	3	3	1	1	1	3	3	1	1	1	1
	LO 7	1	1	1	3	1	1	1	1	1	1	1	1	1
	LO 8	3	3	1	3	1	2	1	1	1	1	1	1	1
	LO 9	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 10	2	2	2	1	1	1	1	1	1	1	1	1	1
	LO 11	2	1	2	1	1	2	1	1	1	1	1	1	1
	LO 12	2	1	3	3	1	1	1	3	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee introduces the fundamentals and safe application principles of local anesthesia and basic surgical procedures in dentistry. It provides students with fundamental knowledge of pain control, complication management, and infection control.
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Committee Objectives	Objective 1	To provide fundamental knowledge of the history of local anesthesia, pain physiology, related nerve anatomy, and the pharmacological properties of local anesthetic agents
	Objective 2	To teach the main local anesthesia techniques used in adult and pediatric patients and their application principles
	Objective 3	To describe the indications, contraindications, and basic surgical steps of tooth extraction and minor surgical procedures
	Objective 4	To explain complications that may occur after local anesthesia and surgical procedures, as well as their relationship with bleeding and wound healing
	Objective 5	To teach the steps of asepsis, antisepsis, sterilization, and surgical preparation.

Textbook / Resources	Resource 1	Alpaslan C (2018). Ağız, Diş ve Çene Cerrahisi Kanıtla Dayalı Tanı ve Tedavi Yaklaşımları. Quintessence Yayıncılık, İstanbul.
	Resource 2	Ogle OE, Mahjoubi G. Local anesthesia: agents, techniques, and complications. Dent Clin North Am. 2012;56(1):133- 148.
	Resource 3	Hupp JR, Ellis E, and Tucker MR (2019). Contemporary Oral and Maxillofacial Surgery. 7th ed. Elsevier Inc., Philadelphia, PA.
	Resource 4	Malamed SF (2020). Handbook of Local Anesthesia. 7th ed. Elsevier Inc., New York, NY.
	Resource 5	Kayaalp SO (2002). Rasyonel Tedavi Yönünden Tıbbi Farmakoloji, 10. baskı. Hacettepe Taş, Ankara.
	Resource 6	Katzung BG (2012). Basic&Clinical Pharmacology, 10th ed. Appleton&Lange, San Francisco.
	Resource 7	Dean J (2021). McDonald and Avery's Dentistry for the Child and Adolescent, 6th ed. Elsevier, Amsterdam.
	Resource 8	Hupp JR, Ellis E, and Tucker MR (2019). Contemporary Oral and Maxillofacial Surgery. 7th ed. Elsevier Inc., Philadelphia, PA.
	Resource 9	Lecture notes.

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☑	☐	☑	☐	☐	☐	☑	☐	☐	☐	☐	☑

Committee Content	Department	Subject	Activities	Resource	Hour
	Oral and Maxillofacial Surgery	History of anesthesia, development of local anesthesia	ILS	2,4,9	1
		Pain physiology, pain routes, conduction mechanism in nerves	ILS	2,4,9	1
	Pharmacology	Structures and effect mechanisms of local anesthetic substances	ILS	5,6,9	2
	Oral and Maxillofacial Surgery	Local anesthetics substances and vasopressors	ILS	2,4,9	1
		N. trigeminus, n. facialis anatomy and teeth innervation	ILS	2,4,9	1
		Local anesthesia methods	ILS	2,4,9	1
		Mandibular anesthesia	ILS	2,4,9	2
		Maxillary anesthesia	ILS	2,4,9	2
	Pedodontics	Local anesthesia methods in children	ILS	7,9	2
		Local complications of local anesthesia	ILS	2,4,9	1
	Oral and Maxillofacial Surgery	General complications of local anesthesia	ILS	2,4,9	1
		Introduction to Oral & Maxillofacial Surgery and history, and instruments used in surgical practice	ILS	1,3,8,9	2
		Tooth extraction general principles, indications, contraindications	ILS	1,3,8,9	1
		Tooth extraction techniques, root extraction, ankylosed open extraction	ILS	1,3,8,9	1
		Local and systemic complications of tooth extraction	ILS	1,3,8,9	1
		Incision, suture and flap techniques and materials	ILS	1,3,8,9	2
		Wound types and treatments	ILS	1,3,8,9	1
		Hemorrhages and treatments	ILS	1,3,8,9	1
		Asepsis, antisepsis, sterilization and preparation for surgery	ILS	1,3,8,9	1
		Committee exam		1-9	1
		Post-exam discussion session	RS	1-9	1
		Final theoretical exam		1-9	1

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
1	Committee exam	7.8	1-9	PC1, PC2, PC3, PC4, PC6, PC8, PC9
2	Final theoretical exam	5.2	1-9	PC1, PC2, PC3, PC4, PC6, PC8, PC9

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)

Theoretical course hour	25	25×1
Preparation for theoretical course	25	25×0.5
Preparation for the committee exam	1	1×15
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1
Preparation for the final theoretical exam	1	1×7
Final theoretical exam	1	1×1
Total Workload		62.5
Estimated ECTS Credit		2.08
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC300 – CS6	Dental Tissue Diseases and Treatments V		Compulsory	1	2
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
22	0	0	0	0	1	21

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:					
	LO 1	List treatment approaches according to the etiology of tooth structure loss and select the appropriate techniques and materials.				
	LO 2	Define the minimally invasive approach and list the materials, devices, and techniques used.				
	LO 3	Explain the development, properties, and clinical applications of adhesive systems.				
	LO 4	Describe the properties of composite resins and select the appropriate application technique.				
	LO 5	Diagnose clinical failures in composite resin restorations and relate them to appropriate management methods.				
	LO 6	Describe the stages of stainless-steel crown application.				

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
LO 1		3	3	1	3	1	2	1	1	1	1	1	1	1
LO 2		2	1	1	3	1	1	1	1	1	1	1	1	1
LO 3		2	1	1	3	1	1	1	1	1	1	1	1	1
LO 4		2	1	1	3	1	1	1	1	1	1	1	1	1
LO 5		2	1	1	2	1	1	1	1	1	1	1	1	1
LO 6		2	1	1	2	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee focuses on the causes of hard tissue loss in teeth and modern restorative approaches for managing this loss. Students learn the indications and basic principles of major restorative materials and techniques.
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Committee Objectives	Objective 1	To explain the main causes and clinical consequences of hard tissue loss in teeth
	Objective 2	To introduce the basic properties and indications of different restorative materials and restoration types
	Objective 3	To explain the fundamental principles of modern cavity design, adhesion, and minimally invasive treatment approaches
	Objective 4	To teach the basic decision-making criteria for finishing, polishing, and repair in direct and indirect restorations.

Textbook / Resources	Resource 1	Welbury R, Duggal MS, Hosey MT (2018). Paediatric Dentistry. 5th ed. Oxford, England.
	Resource 2	Fan J, Xu Y, Si L, Li X, Fu B, Hannig M. Long-term Clinical Performance of Composite Resin or Ceramic Inlays, Onlays, and Overlays: A Systematic Review and Meta-analysis. Oper Dent. 2021;46(1):25-44.
	Resource 3	Bonsor SJ. Are dentine pins obsolete? Dent Update. 2013;40(4):253-258.
	Resource 4	Ritter AV, Boushell LW, Walter R (2016). Sturdevant's Art and Science of Operative Dentistry. 7th Ed. Elsevier Health Sciences.
	Resource 5	Garg N, Garg A (2020). Textbook of Operative Dentistry. 4th Ed. Jaypee Brothers Medical Publishers.
	Resource 6	Köksal T, Dikbaş İ, Çapa N. Seramik inley ve onley restorasyonlar, İstanbul Üniversitesi Dişhekimliği Fakültesi Dergisi 2007; 41(1-2): 71-82.
	Resource 7	Keban S, Türker ŞB. Inley Destekli Köprülerin Klinik Başarısı. Clinical and Experimental Health Sciences. 2016;6(4):178-186.
	Resource 8	Ordu Ü, Cengiz S. Klinikte Kullanılan CAD/CAM Sistemlerinin Güncel Materyalleri. J Int Dent Sci. 2015;(1):9-12. doi:10.21306/jids.2015.1.02
	Resource 9	Metiner C, Türker SB, Kulak Özkan Y. CAD-CAM Inley Onley Restorasyonların Klinik Takibi. European Journal of Research in Dentistry. 2018;2(2):53-61.
	Resource 10	Leon, S., Salah, I., Halim, C. Fracture resistance of endodontically treated premolars restored with lithium disilicate crowns retained with fiber posts compared to lithium disilicate and PEEK endocrowns (An in vitro study). Egyptian Dental Journal, 2022;68(4): 3587-3607.
	Resource 11	Sezgin E, Kantacı Y, Üstün B. Endokron Restorasyonlar ve Endokron Restorasyonlarda Kullanılan Materyaller. HRU Int J Dent Oral Res. 2022;2(1):59-65.
	Resource 12	Rosenstiel SF, Land MF, Walter R. (2022) Contemporary Fixed Prosthodontics. 6th edition. Mosby.
	Resource 13	Shillingburg HT, Sather DA, Wilson EL, Cain JR, Mitchell DL, Blanco LJ, Kessler JC. (2012) Fundamentals of fixed prosthodontics. 4th edition. Quintessence Pub Co., Chicago
	Resource 14	Lecture Notes.

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Restorative Dentistry	Causes of tissue loss (abrasion, attrition, abfraction, erosion)	ILS	2-5,14	2
		Dentin pin and complex amalgam restorations	ILS	2-5,14	2
	Prosthetic Dentistry	Ceramic inlays and onlays	ILS	6-11,14	1
		Restoration of endodontically treated teeth (prefabricated and cast posts)	ILS	12-14	1
	Pedodontics	Stainless steel crowns and other restorations	ILS	1,14	2
		Minimally invasive approaches to caries removal	ILS	2-5,14	1
	Restorative Dentistry	Modern cavity rules	ILS	2-5,14	1
		Adhesion	ILS	2-5,14	1
		Adhesive systems	ILS	2-5,14	2
		Composite resins	ILS	2-5,14	2
		Clinical application methods of composite resins	ILS	2-5,14	2
		Finishing and polishing in composite restorations	ILS	2-5,14	1
		Clinical failure in composite restorations	ILS	2-5,14	1
		Restoration repair, change criteria and clinical application methods	ILS	2-5,14	1
		Composite inlays and onlays	ILS	2-5,14	1
	Multidisciplinary	Committee exam		1-14	1
		Post-exam discussion session	RS	1-14	1
		Final theoretical exam		1-14	1

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
1	Committee exam	6	1-14	PC1, PC2, PC4, PC6
2	Final theoretical exam	4	1-14	PC1, PC2, PC4, PC6

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	21	21×1
Preparation for theoretical course	21	21×0.5
Preparation for the committee exam	1	1×15
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1
Preparation for the final theoretical exam	1	1×10
Final theoretical exam	1	1×1
Total Workload		59.5
Estimated ECTS Credit		1.98
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC300 – CS7	Systemic Diseases		Compulsory	1	2
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
21	0	0	0	0	1	20

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:				
	LO 1	List the precautions to be taken by the dentist in childhood diseases.			
	LO 2	Explain the prophylactic and treatment procedures to be followed in individuals with systemic diseases.			
	LO 3	Describe the dental approach to patients with infectious diseases.			
	LO 4	Identify laboratory test findings associated with systemic diseases.			
	LO 5	Evaluate the role of drugs used in dentistry and select an appropriate drug for a given case.			

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	3	3	1	1	1	2	1	1	1	1	1	1
	LO 2	3	3	4	1	1	1	1	1	1	1	1	1	1
	LO 3	3	2	3	1	1	2	2	1	1	1	1	1	1
	LO 4	2	2	3	1	1	1	1	1	1	1	1	1	1
	LO 5	2	3	5	1	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee examines the relationship of childhood diseases and adult systemic diseases with oral and dental health, dental treatment planning, laboratory findings, and medication use.
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Committee Objectives	Objective 1	To define the effects of childhood diseases and adult systemic diseases on oral and dental health
	Objective 2	To explain the basic principles of dental and surgical approaches to be applied in cardiovascular, endocrine, hematological, and infectious diseases
	Objective 3	To develop the ability to interpret basic laboratory blood biochemistry tests and findings used in systemic diseases
	Objective 4	To teach the main systemic medications used in dentistry and the principles of prescription writing
	Objective 5	To explain the indications and basic principles of systemic medication use in endodontic treatments.

Textbook / Resources	Resource 1	Newman M, Takei H, Klokkevold P, Carranza F (2019). Clinical Periodontology, 13th ed. Elsevier.
	Resource 2	Çağlayan G (2018). Periodontoloji ve İmplantoloji. Quintessence Yayınları, Türkiye.
	Resource 3	Berman LH, Hargreaves K (2021). Cohen's Pathways of the Pulp. 12th ed. Elsevier, Canada.
	Resource 4	Bertossi D, Barone A, Iurlaro A, et al. Odontogenic Orofacial Infections. J Craniofac Surg. 2017;28(1):197-202.
	Resource 5	Alpaslan C (2018). Ağız, Diş ve Çene Cerrahisi Kanıtı Dayalı Tanı ve Tedavi Yaklaşımları. Quintessence Yayıncılık, İstanbul.
	Resource 6	Lecture notes.

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐

Content Committee	Department	Subject	Activities	Resource	Hour
	Pedodontics	Childhood diseases and dentistry	ILS	6	1
	Periodontology	Periodontology and systemic diseases	ILS	1,2,6	2
	Endodontics	Endodontics in systemic diseases	ILS	3,6	1
	Oral and Maxillofacial Surgery	Surgical management of cardiovascular patients	ILS	4-6	1
		Surgical management of respiratory and endocrine patients	ILS	4-6	1
		Surgical management of coagulopathy patients	ILS	4-6	1
		Dentistry in infectious diseases	ILS	4-6	1
		Focal infection concept and prophylaxis	ILS	4-6	1
	Biochemistry	Blood biochemistry and biochemical analysis	ILS	6	4
	Pharmacology	Medications and prescriptions used in dentistry	ILS	6	3
	Oral and Maxillofacial Surgery	Drug used in dentistry and prescription	ILS	4-6	2
	Endodontics	Systemic drug use in endodontics	ILS	3,6	2
	Multidisciplinary	Committee exam		1-6	1
		Post-exam discussion session	RS	1-6	1
		Final theoretical exam		1-6	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	6	1-6	PC1, PC2, PC3, PC6, PC7
	2	Final theoretical exam	4	1-6	PC1, PC2, PC3, PC6, PC7

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	20	20×1
Preparation for theoretical course	20	20×0.5
Preparation for the committee exam	1	1×20
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1
Preparation for the final theoretical exam	1	1×8
Final theoretical exam	1	1×1
Total Workload		61
Estimated ECTS Credit		2.03
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DTC300 – CS8	Orthodontic Approaches		Compulsory	1	1
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	Year 3	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
19	0	0	0	0	1	18

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:													
	LO 1	Explain the interactions among the jaw and facial bones of the craniofacial complex during growth and development.												
	LO 2	Describe the importance of growth and development in relation to orthodontic malocclusion and treatment, and determine appropriate treatment timing.												
	LO 3	List the purposes of using removable appliances in orthodontic treatment.												
	LO 4	List the radiographic techniques used in orthodontic examination.												
	LO 5	Classify dental and skeletal anomalies and list their etiological factors.												
	LO 6	Explain the mechanisms of bone displacement and remodeling associated with orthodontic tooth movement.												
	LO 7	Describe the characteristics of congenital anomalies and associated syndromes, and distinguish genetic factors from environmental factors.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 2	2	4	2	1	1	2	2	1	1	1	1	1	1
	LO 3	2	2	1	3	1	1	1	1	1	1	1	1	1
	LO 4	2	2	1	3	1	1	1	1	1	1	1	1	1
	LO 5	2	3	3	1	1	1	1	1	1	1	1	1	1
	LO 6	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 7	2	3	2	1	1	1	1	1	1	1	1	1	1

Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good

Committee Description	This committee covers the relationship between growth and development and orthodontics; the development of the maxillofacial skeleton, cranial base, and dental arches; the main causes of malocclusion; and orthodontic diagnostic methods. Students also acquire fundamental knowledge of removable appliances and the orthodontic significance of habits affecting the stomatognathic system.
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Committee Objectives	Objective 1	To explain the basic concepts related to growth and development and the main growth centers of the maxillofacial skeleton
	Objective 2	To describe the developmental stages of the dental arches and dentition, including the transition from primary to permanent dentition
	Objective 3	To teach the main etiological factors of malocclusion and common skeletal and dental anomalies
	Objective 4	To explain the use of history-taking, clinical examination, models, and radiographs in orthodontic diagnosis
	Objective 5	To develop an understanding of the basic indications of removable appliances and the orthodontic importance of parafunctional habits affecting the stomatognathic system.

Textbook / Resources	Resource 1	Maden G, Kasimoğlu Y, Esen M, Tuna E. Evaluation of the relationship between dietary factors and malocclusion. Süleyman Demirel University Journal of Health Sciences. 2021;12(1):1-7.
	Resource 2	Phulari BS. Orthodontics: Principles and Practice. 2nd ed. Jaypee Brothers Medical Publishers, 2017.
	Resource 3	Yavan MA, Çetin Taşkıran G, Gökçe G, Hamamcı N. Therapeutic effects of removable intraoral Class III appliances on dentofacial structures: A comprehensive literature review. Süleyman Demirel University Journal of Health Sciences. 2022;13(1):153–160.
	Resource 4	Gopalakrishnan U et al. The enigma behind pituitary and sella turcica. Case Reports in Dentistry. 2015;2015:954347.
	Resource 5	Lecture notes.

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☑	☑	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Orthodontics	Definition of orthodontics and its relationship with growth and development	ILS	1-5	1
		Bone growth centers and activities of these places	ILS	1-5	2
		Growth and development terminology, basic principles, functional matrix theory	ILS	1-5	2
		Prenatal-postnatal development of the maxilla and mandible	ILS	1-5	1
		Prenatal and postnatal growth and development of cranium and cranial base	ILS	1-5	1
		Growth and development of dental arches, transition from primary dentition to permanent dentition	ILS	1-5	1
		Removable appliances	ILS	1-5	1
		Factors influencing malocclusion etiology	ILS	1-5	1
		Orthodontic diagnosis and anamnesis, orthodontic model, cephalometry, periapical and occlusal films, and photograph	ILS	1-5	2
		Hand-wrist films	ILS	1-5	1
		Skeletal and dental anomalies	ILS	1-5	2
		Orthodontic tooth movement and its histology	ILS	1-5	1
		Orthodontic evaluation of the stomatognathic system; hormones and habits	ILS	1-5	1
		Congenital anomalies	ILS	1-5	1
	Multidisciplinary	Committee exam		1-5	1
		Post-exam discussion session	RS	1-5	1
		Final theoretical exam		1-5	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	4.8	1-5	PC1, PC2, PC3, PC4, PC6, PC7
	2	Final theoretical exam	3.5	1-5	PC1, PC2, PC3, PC4, PC6, PC7

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	18	18×1
Preparation for theoretical course	18	18×0.5
Preparation for the committee exam	1	1×8
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1
Preparation for the final theoretical exam	1	1×4
Final theoretical exam	1	1×1
Total Workload		42
Estimated ECTS Credit		1.4
Approximate ECTS Credit		~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
DPC300	Year 3 Practical Committees		Compulsory	17	34
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	512	0	0	508	4	0

Learning Outcomes of the Course	Upon completing this course, students will be able to;													
	LO 1	Determine the appropriate ergonomic working position for clinical procedures in phantom-model and simulation environments.												
	LO 2	Perform the stages of cavity preparation, pulp capping, and composite restoration appropriate to the type of caries and tooth morphology in restorative procedures.												
	LO 3	Determine root canal length in endodontic procedures and perform shaping, irrigation, root canal obturation, and retreatment procedures in the correct sequence.												
	LO 4	Select the required materials and equipment for fixed and removable prosthodontic procedures and perform the stages of preparation, impression taking, and laboratory fabrication.												
	LO 5	Perform clasp fabrication, archwire bending, and acrylic plate preparation in the construction of removable orthodontic appliances.												
	LO 6	Select the appropriate anesthetic agent, equipment, and technique for local anesthesia and perform basic maxillary and mandibular anesthesia procedures.												
	LO 7	Distinguish the hand instruments used in periodontal treatment and perform scaling procedures in an appropriate working position.												
	LO 8	Perform preventive and restorative pediatric dentistry procedures on phantom models.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 2	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 3	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 4	2	1	1	4	1	2	1	1	1	1	1	1	1
	LO 5	2	1	1	2	1	1	1	1	1	1	1	1	1
	LO 6	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 7	2	1	1	2	1	2	1	1	1	1	1	1	1
	LO 8	2	1	1	3	1	2	3	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Course Description	This course provides students with preclinical training to develop the ability to plan and perform preventive, restorative, prosthetic, endodontic, and interventional pediatric dentistry procedures appropriate for different age groups. Through preclinical applications, students practice oral hygiene instruction, preventive approaches such as topical fluoride and fissure sealant applications, and restorative and endodontic procedures for primary and permanent teeth in accordance with proper techniques and procedural steps.
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Course Objectives	Objective 1	To provide students with ergonomic working principles, correct working positions, and basic clinical manual skills on phantom models and in a simulation setting
	Objective 2	To teach modern cavity preparation, composite resin restoration, matrix-wedge application, and the selection of restorative materials appropriate to cavity type through practical applications
	Objective 3	To teach root canal anatomy, canal shaping, irrigation, filling techniques, and aseptic working principles on extracted natural teeth and phantom teeth
	Objective 4	To introduce dental materials used in fixed and removable prosthetic applications, tooth preparation, impression-taking, prosthetic biomechanics, and laboratory fabrication stages
	Objective 5	To develop practical skills in the fabrication of removable orthodontic appliances, clasp and arch bending procedures, and local anesthesia application techniques
	Objective 6	To teach local anesthesia equipment, anesthetic solutions, and local anesthesia application techniques used in dental practice through practical applications
	Objective 7	To provide practical training in correct patient-operator positioning, the use of periodontal hand instruments, and scaling and curettage procedures in a simulation setting
	Objective 8	To teach toothbrushing instruction appropriate for different age groups, preventive and protective treatment methods, and restorative procedures for primary teeth through practical applications within the scope of pediatric dentistry.

Textbook / Resources	Resource 1	PC-1 Resources
	Resource 2	PC-2 Resources
	Resource 3	PC-3 Resources
	Resource 4	SPC-1 Resources
	Resource 5	SPC-2 Resources
	Resource 6	SPC-3 Resources
	Resource 7	SPC-4 Resources
	Resource 8	SPC-5 Resources
	Resource 9	SPC-6 Resources

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☑	☑	☑	☑	☐	☑	☐	☐	☐	☐	☑	☑

Course Content	Department	Subject	Activities	Resource	Hour
	PC-1	PC-1 Committee Content	KRS,RS	1-3	120
	PC-2	PC-2 Committee Content	KRS	1-4	120
	PC-3	PC-3 Committee Content	KRS	1-5	120
	SPC-1	SPC-1 Committee Content	KRS	1-3	44
	SPC-2	SPC-2 Committee Content	KRS	1-4	32
	SPC-3	SPC-3 Committee Content	KRS	1-3	4
	SPC-4	SPC-4 Committee Content	KRS	1-3	12
	SPC-5	SPC-5 Committee Content	KRS	1-3	4
	SPC-6	SPC-6 Committee Content	KRS	1-2	28

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
1	PC1-3, SPC1-6 homework/quiz weighted average	50	PC1-3, SPC1-6	PC1, PC4, PC6, PC7
2	PC1-3, SPC1-6 final practical exam weighted average	50	PC1-3, SPC1-6	PC1, PC4, PC6, PC7

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hours	484	484×1
Preparation to the practical course	263	263×1
Preparation to the final practical exam	9	9×27.2
Final practical exam	9	9×2
Total Workload		1009.8
Estimated ECTS Credit		33.6
Approximate ECTS Credit		~34

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DPC300 - PC1	Restorative Dentistry Preclinic		Compulsory	3	8
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	120	0	0	116	4	0

Learning Outcomes of the Committee	<i>Upon completing this committee, students will be able to;</i>				
	LO 1	Apply various cavity preparation techniques on maxillary and mandibular phantom teeth.			
	LO 2	Perform pulp-capping treatment on maxillary and mandibular phantom teeth.			
	LO 3	Perform the stages of composite restorations sequentially in a preclinical setting.			

Relationship Between Learning Outcomes and Program		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 2	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 3	2	1	1	3	1	2	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee provides practical training in restorative procedural steps on phantom models in preparation for intraoral clinical applications. Modern cavity designs appropriate to tooth morphology and caries type, as well as the selection of restorative materials, are integrated into the practical application process.													
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Committee Objectives	Objective 1	To introduce the principles of conservative cavity preparation in accordance with modern cavity design concepts												
	Objective 2	To develop students' ability to apply composite resin restorations correctly												
	Objective 3	To explain the characteristics and application steps of Black cavity preparations in the aesthetic region												
	Objective 4	To demonstrate proper matrix and wedge application techniques												
	Objective 5	To introduce modern cavity designs appropriate to caries types according to tooth morphology												
	Objective 6	To explain the selection of the most suitable restorative materials for different cavity types.												

Textbook / Resources	Resource 1	Torres C R G (2019). Modern operative dentistry. Principles for clinical practice. Springer Nature.												
	Resource 2	Heymann H O, Swift E J, Ritter A V (2012). Sturdevant's Art & Science of Operative Dentistry-E-Book. Elsevier Health Sciences.												
	Resource 3	Demonstration videos												

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Restorative Dentistry	Dentin adhesive definition and application stages, application on cavity/Black I-II cavity description and application stages, application of cavities on model	KRS	1-3	8
		Composite restoration application stages explanation and application on Black I-II cavities	KRS	1-3	8
		Amalgam restoration application stages explanation and application on Black I-II cavities	KRS	1-3	8
		Box only cavity explanation, application and composite restoration application	KRS	1-3	8
		Tunnel and Slot cavity explanation, application and composite restoration application	KRS	1-3	8
		Tooth-specific cavity application (Maxillary O+O) and composite restoration application	KRS	1-3	8
		Tooth-specific cavity application (Mandibular O+P) and amalgam restoration application	KRS	1-3	8
		Tooth-specific cavity application (Maxillary OM+OD) and composite restoration application	KRS	1-3	8
		Tooth-specific cavity application (Maxillary MOB/MOP) and composite restoration application	KRS	1-3	8
		Tooth-specific cavity application (Mandibular MOB/MOP) and amalgam restoration application	KRS	1-3	8
		Pulp cupping treatment explanation and application on Black I-II cavities, cement application and restoration application	KRS	1-3	8
		Black III cavity explanation and testing on model and composite restoration	KRS	1-3	8
		Black IV cavity explanation and testing on model and composite restoration	KRS	1-3	8
		Restoration of anterior diastemas with composite	KRS	1-3	4
		Quiz	KRS	1-3	8
		Make-up and practice	RS	1-3	4
		Final practical examination		1-3	3

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	In-term homework/quiz average	12.5	1-3	PC1, PC4, PC6
	2	Final practical examination	12.5	1-3	PC1, PC4, PC6

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hours	15	15x8
Preparation to the practical course	15	15x4.5
Preparation to the final practical exam	1	1x45
Final practical exam	1	1x3
Total Workload		235.5
Estimated ECTS Credit		7.85
Approximate ECTS Credit		~8

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DPC300 - PC2	Prosthetic Dentistry Preclinic		Compulsory	4	8
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	120	0	0	120	0	0

Learning Outcomes of the Committee	Upon completing this committee, students will be able to;				
	LO 1	Select the materials and equipment used in the fabrication stages of removable prostheses.			
	LO 2	Perform the impression procedure for cases requiring removable prostheses in a preclinical setting.			
	LO 3	Perform the laboratory fabrication stages of removable prostheses in a preclinical setting.			

Relationship Between Learning Outcomes and Program		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 2	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 3	2	1	1	3	1	2	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee involves practical applications related to the evaluation of partial edentulism according to Kennedy classification, the biomechanical principles of removable prostheses, related dental materials, and laboratory fabrication stages.
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Committee Objectives	Objective 1	To teach the Kennedy classification used in the evaluation of partial edentulism
	Objective 2	To introduce the axes, planes, and movements that may occur according to Kennedy classification
	Objective 3	To develop students' knowledge of the dental materials used in the fabrication of complete and partial removable prostheses
	Objective 4	To explain the properties and indications of materials used in prosthesis fabrication
	Objective 5	To provide practical training in the laboratory stages of complete and partial removable prostheses.

Textbook / Resources	Resource 1	Çalıklıkoçoğlu S (2013). Dışsız Hastaların Protetik Tedavisi Klasik Tam Protezler. 6. baskı. Quintessence Yayıncılık, İstanbul.
	Resource 2	Kulak Özkan Y (2012). Tam Protezler ve İmplantüstü Hareketli Protezler. Vestiyer Yayın Grubu, İstanbul.
	Resource 3	Ulusoy M, Aydın AK (2010). Dış Hekimliğinde Hareketli Bölümlü Protezler. 1. ve 2. cilt. 3. baskı. Ankara Üniversitesi Basımevi, Ankara.
	Resource 4	Demonstration videos

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Prosthodontics	Introduction to the preclinic, general rules, and material presentation	KRS	1-4	4
		Obtaining fully edentulous models and transferring them to the occlusor	KRS	1-4	8
		First impression and individualized tray fabrication in complete dentures	KRS	1-4	16
		Taking the second impression with zinc oxide eugenol, boxing and obtaining the main model	KRS	1-4	8
		Applying base plate, wax rims and transferring to the occlusor in fully edentulous models	KRS	1-4	16
		Tooth arrangement in complete dentures	KRS	1-4	16
		Acrylic treatments, finishing, leveling and polishing in complete dentures	KRS	1-4	12
		Individualized tray fabrication and impression in removable partial dentures	KRS	1-4	8
		Clasp bending in removable partial dentures	KRS	1-4	12
		Base plate, wax template, transferring them to the occlusal denture, and tooth alignment for removable partial dentures	KRS	1-4	12
		Repair in removable dentures	KRS	1-4	4
		Teeth alignment for maxillary edentulous models	KRS	1-4	4
		Final practical examination		1-4	3

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	In-term homework/quiz average	12.5	1-4	PC1, PC4, PC6
	2	Final practical examination	12.5	1-4	PC1, PC4, PC6

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hours	15	15×8
Preparation to the practical course	15	15×4.5
Preparation to the final practical exam	1	1×45
Final practical exam	1	1×3
Total Workload		235.5
Estimated ECTS Credit		7.85
Approximate ECTS Credit		~8

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DPC300 - PC3	Endodontics		Compulsory	4	8
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	120	0	0	120	0	0

Learning Outcomes of the Committee	<i>Upon completing this committee, students will be able to;</i>				
	LO 1	Determine the root canal lengths of all maxillary and mandibular natural teeth radiographically.			
	LO 2	Perform root canal cleaning, shaping, irrigation, and obturation procedures using conventional methods.			
	LO 3	Apply a rubber dam during endodontic procedures.			
	LO 4	Perform the procedural steps of root canal retreatment in single-rooted teeth in the correct sequence.			

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 2	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 3	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 4	2	1	1	3	1	2	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee offers practical training in endodontic procedural steps on extracted maxillary and mandibular natural teeth in a simulation setting, in accordance with the general principles of root canal treatment.												
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Committee Objectives	Objective 1	To teach the general principles of root canal treatment
	Objective 2	To introduce the root canal anatomy of maxillary and mandibular teeth
	Objective 3	To ensure the correct and safe application of root canal shaping, irrigation, and filling techniques on extracted natural teeth
	Objective 4	To teach aseptic working principles and the proper use of instruments and materials used in root canal treatment.

Textbook / Resources	Resource 1	Alaçam TE, Uzel D, Alaçam A, Aydın ME (2012). Endodonti. Özyurt Matbaacılık, Ankara.
	Resource 2	Berman LH, Hargreaves KM. (2020). Cohen's Pathways of the Pulp Expert Consult. 12th ed. Elsevier, Kanada.
	Resource 3	Erişen R, çeviri ed., Torabinejad M, Walton RE (ed) (2011). Endodonti Temel İlkeler ve Uygulamalar. Nobel Tıp Kitabevi, İstanbul.
	Resource 4	Chong BS. Ozcelik, B. (Çeviri Editör) (2019) Harty Klinik Uygulamada Endodonti. 7. Bs. Güneş Tıp Kitapevleri.
	Resource 5	Demonstration videos

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☐	☐	☐	☐	☐	☐

Content Committee	Department	Subject	Activities	Resource	Hour
	Endodontics	Preparation of teeth for root canal treatment	KRS	1-5	4
		Working length determination in root canal treatment	KRS	1-5	8
		Discussion and demonstration of the general principles of cleaning and shaping the root canals	KRS	1-5	8
		Discussion and demonstration of the general principles of filling root canals	KRS	1-5	8
		Cleaning and shaping of root canals in maxillary and mandibular incisors and canines	KRS	1-5	16
		Filling of root canals in maxillary and mandibular incisors and canines	KRS	1-5	8
		Cleaning and shaping of root canals in maxillary and mandibular premolars	KRS	1-5	16
		Filling of root canals in maxillary and mandibular premolars	KRS	1-5	8
		Cleaning and shaping of root canals in maxillary and mandibular molars	KRS	1-5	16
		Filling of root canals in maxillary and mandibular molars	KRS	1-5	8
		Rubber-dam application in endodontic procedures	KRS	1-5	4
		Retreatment of root canal treatment in single-rooted teeth	KRS	1-5	16
		Final practical examination		1-5	3

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	In-term homework/quiz average	12.5	1-5	PC1, PC4, PC6
	2	Final practical examination	12.5	1-5	PC1, PC4, PC6

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hours	15	15x8
Preparation to the practical course	15	15x4.5
Preparation to the final practical exam	1	1x45
Final practical exam	1	1x3
Total Workload		235.5
Estimated ECTS Credit		7.85
Approximate ECTS Credit		~8

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DPC300 - SPC1	Restorative Dentistry Simulation		Compulsory	1	2
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	44	0	0	44	0	0

Learning Outcomes of the Committee	Upon completing this committee, students will be able to;				
LO 1	Select the correct working position for both the phantom model and themselves according to the area where the restorative procedure will be performed.				
LO 2	Identify the hand instruments used during restorative procedures.				
LO 3	Perform modern cavity preparation appropriate to the morphology of the carious lesion.				

Relationship Between Learning Outcomes and Program		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
LO 1		2	1	1	3	1	2	1	1	1	1	1	1	1
LO 2		1	1	1	3	1	1	1	1	1	1	1	1	1
LO 3		2	1	1	3	1	2	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee includes practical applications on phantom models related to ergonomic working principles, restorative procedural steps, cavity design appropriate to tooth morphology and caries type, and the selection of restorative materials.
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Committee Objectives	Objective 1	To teach ergonomic working principles and instrument use on a phantom patient
	Objective 2	To provide practical training in intraoral restorative procedures in a simulation setting
	Objective 3	To develop skills in cavity preparations appropriate to different caries types on a phantom patient
	Objective 4	To teach the selection and application of appropriate restorative materials for different cavity types on a phantom patient.

Textbook / Resources	Resource 1	Valachi B (2008). Practice Dentistry Pain-Free. Evidence-based Strategies to Prevent Pain & Extend Your Career.
	Resource 2	Torres C R G (2019). Modern Operative Dentistry. Principles for Clinical Practice. Springer Nature.
	Resource 3	Demonstration videos

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Restorative Dentistry	Adjustment of the phantom model position and the student's ergonomic working position in relation to the phantom model	KRS	1-3	1
		Introduction to hand instruments used during restorative procedures	KRS	1-3	1
		Simulation and practice of restorative procedures in the anterior region within the framework of modern cavity principles	KRS	1-3	8
		Simulation and practice of restorative procedures in the anterior region within the framework of Black cavity principles	KRS	1-3	8
		Simulation and practice of restorative procedures in the posterior region within the framework of modern cavity principles	KRS	1-3	12
		Simulation and practice of restorative procedures in the posterior region within the framework of Black cavity principles	KRS	1-3	12
		Quiz	KRS	1-3	2
		Final practical examination		1-3	2

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	In-term homework/quiz average	2.5	1-3	PC1, PC4, PC6
	2	Final practical examination	2.5	1-3	PC1, PC4, PC6

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hours	11	11×4
Preparation to the practical course	10	11×1.5
Preparation to the final practical exam	1	1×10
Final practical exam	1	1×2
Total Workload		72.5
Estimated ECTS Credit		2.42
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DPC300 - SPC2	Prosthodontics Simulation		Compulsory	1	2
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	32	0	0	32	0	0

Learning Outcomes of the Committee	<i>Upon completing this committee, students will be able to;</i>				
	LO 1	Select the correct working position for performing tooth preparation.			
	LO 2	Perform tooth preparations for different types of restorations on a phantom model.			
	LO 3	Restore permanent teeth with loss of tooth structure using direct restorative materials.			

Relationship Between Learning Outcomes and Program		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 2	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 3	2	1	1	4	1	2	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee includes practical applications related to dental materials used in fixed prosthetic restorations, tooth preparation for crown, bridge, inlay, and onlay restorations, and impression-taking procedures on phantom jaws in the simulation laboratory. In addition, post-and-core applications on extracted permanent teeth are included to prepare students for clinical practice.													
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Committee Objectives	Objective 1	To teach the tooth preparation principles required for crown, bridge, inlay, and onlay restorations on a phantom patient												
	Objective 2	To provide practical training in impression-taking steps and proper impression techniques on a phantom patient												
	Objective 3	To teach post-and-core applications on a phantom model consisting of extracted permanent teeth.												

Textbook / Resources	Resource 1	Rosenstiel SF, Land MF, Walter R (2022). Contemporary Fixed Prosthodontics. 6th ed., Mosby.												
	Resource 2	Shillingburg HT, Sather DA, Wilson EL, Cain JR, Mitchell DL, Blanco LJ, Kessler JC (2012). Fundamentals of fixed prosthodontics. 4th Ed. Quintessence Pub Co., Chicago.												
	Resource 3	Sakaguchi RL, Powers JM (2019). Craig's Restorative Dental Materials. 14. baski. Elsevier Mosby, St. Louis.												
	Resource 4	Demonstration videos												

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Prosthodontics	Introduction to phantom, general rules and material introduction	KRS	1-4	2
		Anterior bridge preparation and impression in fixed prostheses	KRS	1-4	8
		Posterior bridge preparation and impression in fixed prostheses	KRS	1-4	8
		Full mouth bridge preparation and impression	KRS	1-4	8
		Post-core application and impression	KRS	1-4	4
		Quiz	KRS	1-4	2
		Final practical examination		1-4	2

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	In-term homework/quiz average	2.5	1-4	PC1, PC4, PC6
	2	Final practical examination	2.5	1-4	PC1, PC4, PC6

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hours	8	8×4
Preparation to the practical course	8	8×2
Preparation to the final practical exam	1	1×15
Final practical exam	1	1×3
Total Workload		66
Estimated ECTS Credit		2.2
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DPC300 - SPC3	Orthodontics Simulation		Compulsory	1	1
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	4	0	0	4	0	0

Learning Outcomes of the Committee	<i>Upon completing this committee, students will be able to;</i>				
	LO 1	Perform the bending of a labial bow, Adams clasp, and spring.			
	LO 2	Perform the stages of acrylic resin packing in the correct sequence.			
	LO 3	Perform the fabrication stages of monoblock and Essix appliances.			

Relationship Between Learning Outcomes and Program		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	2	1	1	1	1	1	1	1	1	1
	LO 2	2	1	1	2	1	1	1	1	1	1	1	1	1
	LO 3	2	1	1	2	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee provides hands-on practice in the fundamental laboratory fabrication stages of removable orthodontic appliances, together with clasp and arch bending procedures.													
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Committee Objectives	Objective 1	To teach the fabrication processes of removable orthodontic appliances, as well as clasp and arch bending procedures, through practical applications.												
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Textbook / Resources	Resource 1	Ülgen M (2006). Ortodonti. Anomaliler, Sefalometri, Etiyoloji, Büyüme ve Gelişim, Tanı. 3. Baskı. Ankara Üniversitesi Diş Hekimliği Fakültesi Yayınları, Ankara.												
	Resource 2	Proffit WR, Fields H, Sarver DM (2012). Contemporary Orthodontics, 5th Ed., Mosby.												
	Resource 3	Course materials												

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Orthodontics	Twisting vestibule arc, Adams clasp and mainspring	KRS	1-3	1
		Acrylic recoil and monoblock fabrication	KRS	1-3	1
		Essix making	KRS	1-3	1
		Basic arc form bending	KRS	1-3	1
		Final practical examination		1-3	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	In-term homework/quiz average	1.5	1-3	PC1, PC4
	2	Final practical examination	1.5	1-3	PC1, PC4

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hours	1	1×4
Preparation to the practical course	1	1×4
Preparation to the final practical exam	1	1×20
Final practical exam	1	1×1
Total Workload		29
Estimated ECTS Credit		0.96
Approximate ECTS Credit		~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DPC300 - SPC4	Anesthesia		Compulsory	1	1
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	12	0	0	12	0	0

Learning Outcomes of the Committee	<i>Upon completing this committee, students will be able to;</i>				
	LO 1	Select appropriate local anesthetic agents and syringes for a given case.			
	LO 2	Perform maxillary and mandibular local anesthesia techniques.			

Relationship Between Learning Outcomes and Program		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	1	1	1	2	1	1	1	1	1	1	1	1	1
	LO 2	2	1	1	3	1	2	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee provides hands-on training in local anesthesia equipment, anesthetic solutions, and local anesthesia application techniques used in dentistry.													
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Committee Objectives	Objective 1	To teach local anesthesia equipment, anesthetic solutions, and application techniques used in dental practice through practical training.												
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Textbook / Resources	Resource 1	Malamed SF (2020). Handbook of Local Anesthesia. 7th ed. Elsevier Inc., New York.
	Resource 2	Baart JA, Brand HS (2017). Local Anaesthesia in Dentistry, 2nd Ed., Springer.
	Resource 3	Koçak Berberoğlu H, Gürkan Köseoğlu B, Kasapoğlu Ç (2017). Quintessence Yayıncılık.

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Oral and Maxillofacial Surgery	Identification of local anesthetic agents and syringes	KRS	1-3	3
		Introduction of general principles of local anesthesia	KRS	1-3	3
		Demonstration and application of maxillary anesthesia techniques	KRS	1-3	3
		Demonstration and application of mandibular anesthesia techniques	KRS	1-3	3
		Final practical examination		1-3	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	In-term homework/quiz average	2.5	1-3	PC1, PC4, PC6
	2	Final practical examination	2.5	1-3	PC1, PC4, PC6

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hours	3	3×4
Preparation to the practical course	3	3×2
Preparation to the final practical exam	1	1×15
Final practical exam	1	1×1
Total Workload		34
Estimated ECTS Credit		1.13
Approximate ECTS Credit		~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DPC300 - SPC5	Periodontology Simulation		Compulsory	1	1
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	4	0	0	4	0	0

Learning Outcomes of the Committee	<i>Upon completing this committee, students will be able to;</i>				
	LO 1	Adopt the correct working position before scaling and curettage procedures.			
	LO 2	Identify scalers and different types of curettes used in periodontal treatment.			
	LO 3	Perform scaling procedures on artificial teeth in different quadrants.			

Relationship Between Learning Outcomes and Program		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	2	1	1	1	1	1	1	1	1	1
	LO 2	2	1	1	2	1	1	1	1	1	1	1	1	1
	LO 3	2	1	1	2	1	2	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee includes hands-on practice in proper patient and operator positioning before scaling procedures, the use of periodontal hand instruments, and basic periodontal treatment steps on artificial teeth in different half-jaws.													
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Committee Objectives	Objective 1	To teach scaling procedures using hand instruments on phantom jaws in the simulation laboratory												
	Objective 2	To train students in proper patient and operator positioning before scaling and periodontal instrumentation procedures.												

Textbook / Resources	Resource 1	Newman M, Takei H, Klokkevold P, Carranza F (2019). Clinical Periodontology, 13th ed., Elsevier.												
	Resource 2	Çağlayan, G. (2018). Periodontoloji ve İmplantoloji. Quintessence Yayınları, Türkiye.												
	Resource 3	Course Materials												

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Periodontology	Introduction to scalers and curettes	KRS	1-3	1
		Adjustment of operator and patient positioning during scaling and curettage procedures	KRS	1-3	1
		Practice of scaling procedures on a model	KRS	1-3	2
		Final practical examination		1-3	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	In-term homework/quiz average	0.5	1-3	PC1, PC4, PC6
	2	Final practical examination	0.5	1-3	PC1, PC4, PC6

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hours	1	1×4
Preparation to the practical course	1	1×4
Preparation to the final practical exam	1	1×15
Final practical exam	1	1×1
Total Workload		24
Estimated ECTS Credit		0.8
Approximate ECTS Credit		~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credits	ECTS
DPC300-SPC6	Pedodontics Simulation		Compulsory	1	3
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC200 & DPC200	3	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	28	0	0	28	0	0

Learning Outcomes of the Committee	<i>Upon completing this committee, students will be able to;</i>													
	LO 1	Provide toothbrushing instruction for different age groups using a phantom model.												
	LO 2	Apply topical fluoride on a phantom model.												
	LO 3	Apply fissure sealants to primary and permanent teeth.												
	LO 4	Perform all stages of restorations in primary teeth.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	3	1	2	3	1	1	1	1	1	1
	LO 2	2	1	1	3	1	2	3	1	1	1	1	1	1
	LO 3	2	1	1	3	1	2	3	1	1	1	1	1	1
	LO 4	2	1	1	3	1	2	1	1	1	1	1	1	1
	LO 5	2	1	1	3	1	2	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Committee Description	This committee is centered on hands-on practice in oral hygiene instruction, topical fluoride and fissure sealant applications, and primary tooth restoration procedures on phantom models within the scope of pediatric dentistry.													
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Committee Objectives	Objective 1	To demonstrate toothbrushing instruction according to age groups in pediatric patients												
	Objective 2	To teach preventive and protective treatment methods												
	Objective 3	To demonstrate and provide practical training in primary tooth restorations.												

Textbook / Resources	Resource 1	Welbury R, Duggal MS, Hosey MT (2018). Paediatric Dentistry 5th Ed., Oxford University Press.												
	Resource 2	Demonstration videos												

Teaching Methods of the Committee	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities	Resource	Hour
	Pedodontics	Explanation of the morphological characteristics of primary teeth	KRS	1-2	4
		Toothbrushing instruction and fluoride varnish application for different age groups	KRS	1-2	4
		Fissure sealant applications on extracted permanent and primary teeth	KRS	1-2	4
		Compomer restorations in primary teeth	KRS	1-2	8
		Glass ionomer restorations in primary teeth	KRS	1-2	8
		Final practical examination		1-2	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	In-term homework/quiz average	3	1-2	PC1, PC4, PC6, PC7
	2	Final practical examination	3	1-2	PC1, PC4, PC6, PC7

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of artificial intelligence-based tools.													
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Practical course hours	7	7×4
Preparation to the practical course	7	7×2
Preparation to the final practical exam	1	1×35
Final practical exam	1	1×1
Total Workload		78
Estimated ECTS Credit		2.6
Approximate ECTS Credit		~3

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COURSE SYLLABUS

Course Code	Course Name		Course Status	Credits	ECTS
DCS300	Diagnostic and Clinical Skills		Compulsory	2	4
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Face to face	-	3	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
15	0	4	0	4	0	15

Learning Outcomes of the Course	Upon completing this course, students will be able to;													
	LO 1	List the emergency situations that may be encountered in dental practice.												
	LO 2	Determine the methods used to distinguish emergency situations that may be encountered in dental practice.												
	LO 3	Perform the basic interventional procedures required to carry out first-aid and emergency treatment steps.												
	LO 4	List the basic equipment used in dental photography and select appropriate equipment according to its intended purpose.												
	LO 5	Take standardized dental photographs from appropriate angles for diagnosis and patient follow-up in clinical and laboratory settings.												
	LO 6	Apply dental unit preparation, disinfection, hand hygiene, and personal protective equipment procedures correctly and completely to ensure patient safety in the clinical setting.												
	LO 7	Develop problem-solving skills in medical documentation and clinical scenarios.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	1	1	1	2	1	1	1	1	1	1
	LO 2	2	2	1	2	1	1	1	1	1	1	1	1	1
	LO 3	3	2	1	2	1	1	1	1	1	1	1	1	1
	LO 4	2	1	1	3	2	1	1	1	1	4	1	1	1
	LO 5	2	1	1	3	2	1	1	1	1	4	1	1	1
	LO 6	2	1	1	2	1	1	1	4	1	1	1	1	1
	LO 7	3	2	1	1	3	1	1	1	1	4	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Course Description	This course provides students with theoretical knowledge and practice-based professional skills in the recognition and management of emergency situations that may be encountered during dental practice, the effective use of dental photography for diagnostic and aesthetic purposes, and the integrated management of patient assessment, diagnosis, treatment planning, and clinical communication processes.
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Course Objectives	Objective 1	To teach emergency situations that may arise during the practice of dentistry and to provide students with the theoretical and practical skills required for examination and initial intervention
	Objective 2	To explain the importance of dental photography in dental practice, to teach proper equipment selection and use, to develop the ability to take standardized clinical photographs, and to improve students' competence in photographic documentation for aesthetic and diagnostic purposes
	Objective 3	To develop communication and patient management skills in clinical settings through patient assessment, diagnosis, treatment planning, and the selection of various treatment methods.

Textbook / Resources	Resource 1	Türk Kızılay İlk Yardım El Kitabı (2018) 16. baskı. Matsa Basımevi, Ankara.
	Resource 2	Fan K, Jones J (2013). OSCEs for Dentistry. 3rd edition. Pastest.
	Resource 3	Liu F (2019). Dental Digital Photography: From Dental Clinical Photography to Digital Smile Design. Springer.
	Resource 4	Lecture Notes

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☑	☑	☑	☑	☐	☑	☑	☑	☐	☑	☐	☐

Course Content	Department	Subject	Activities	Resource	Hour
	Medical Interventions				
	Multidisciplinary	Blood glucose measurement using a glucometer	ILS	1, 4	1
		Measurement of blood pressure and body temperature	ILS	1, 4	
		Venous access establishment and intravenous injection	ILS	1, 4	
		Intramuscular injection administration	ILS	1, 4	
		Management of bleeding	ILS	1, 4	
		Evaluation of the basic life support (BLS) process (scene safety, assessment of consciousness, airway evaluation and appropriate maneuvers, assessment of breathing and pulse, and proper application of chest compressions and ventilation support)	ILS	1, 4	
		Support of healthcare services in extraordinary situations (earthquakes, floods, epidemics, nuclear, biological, and chemical injuries)	ILS	1, 4	
		Practical session: Blood glucose measurement using a glucometer, blood pressure measurement, venous access and intravenous drug administration, intramuscular injection, and basic life support	ILS	1, 4	4
	Digital Photography				
	Multidisciplinary	Introduction to digital photography	ILS	3, 4	1
		Fundamentals of digital photography	ILS	3, 4	1
		Camera selection	ILS	3, 4	1
		Lighting and illumination	ILS	3, 4	1
		Camera settings	ILS	3, 4	
		Extraoral set-ups	ILS	3, 4	1
		Intraoral set-ups	ILS	3, 4	1
		Image editing	ILS	3, 4	1
		Printing and presentation	ILS	3, 4	1
		Practical application: exposure, camera settings, and image acquisition	KRS	3, 4	1
	Practices				
	Multidisciplinary	Clinical organization and protocols	ILS	2, 4	1
		Unit preparation and disinfection	ILS	2, 4	
		Introduction to equipment and materials	ILS	2, 4	
		Hand hygiene and gloving procedures	ILS	2, 4	
		Medical documentation (Informed consent, prescription, laboratory request form)	ILS	2, 4	1
		Radiographic report	ILS	2, 4	
		Midterm examination		1-4	1
		Objective structured clinical examination (OSCE)		1-4	2

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Midterm examination / Multidisciplinary – theoretical	25	1-4	PC1, PC2, PC4, PC5, PC7, PC8, PC10
	2	Photography / checklists	10	3-4	PC1, PC2, PC4, PC5, PC7, PC8, PC10
	3	Photography / Assignment evaluation	10	3-4	PC1, PC2, PC4, PC5, PC7, PC8, PC10
	4	Clinical organization (Disinfection, informed consent form) / Checklists	5	1-4	PC1, PC2, PC4, PC5, PC7, PC8, PC10
	5	Basic clinical skills (Blood pressure, blood glucose, pulse, prescription writing) / Checklists	5	1-4	PC1, PC2, PC4, PC5, PC7, PC8, PC10
	6	Medical interventions assessment (IV, IM, CPR) / Checklists	5	1-4	PC1, PC2, PC4, PC5, PC7, PC8, PC10

	7	OSCE / Blood pressure, blood glucose, pulse	40	1-4	PC1, PC2, PC4, PC5, PC7, PC8, PC10
	8	OSCE / Instruments and equipment		1-4	PC1, PC2, PC4, PC5, PC7, PC8, PC10
	9	OSCE / Disinfection and sterilization		1-4	PC1, PC2, PC4, PC5, PC7, PC8, PC10
	10	OSCE / Radiographic diagnosis		1-4	PC1, PC2, PC4, PC5, PC7, PC8, PC10
	11	OSCE / Documentation (Informed consent, prescription, laboratory form)		1-4	PC1, PC2, PC4, PC5, PC7, PC8, PC10

Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Multidisciplinary theoretical course hours	13	13×1
Preparation for theoretical courses	13	13×0.5
Multidisciplinary practical course hours	7	7×1
Preparation for practical courses	20	20×1
Clinical organization	7	7×1
Basic clinical skills	1	1×1
Preparation for midterm examination	1	1×20
Midterm examination	1	1×1
Preparation for the Objective Structured Clinical Examination (OSCE)	1	1×35
Objective Structured Clinical Examination (OSCE)	1	1×2
	Total Workload	112.5
	Estimated ECTS Credit	3.75
	Approximate ECTS Credit	~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY					
COURSE SYLLABUS					

Course Code	Course Name		Course Status	Credit	ECTS
DTC400	Year 4 Theoretical Committees		Compulsory	8	16
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC300 & DPC300	4	Academic year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
236	4	0	0	4	8	228

Learning Outcomes of the Course	Upon completing this course, students will be able to;														
	LO 1	Evaluate dentofacial development and occlusion in children and adolescents, and summarize preventive and therapeutic orthodontic and pediatric dental approaches to malocclusions, harmful oral habits, and problems affecting primary and permanent teeth.													
	LO 2	Evaluate the aesthetic characteristics of the teeth and surrounding tissues, and explain the main treatment options for tooth discoloration and smile aesthetics.													
	LO 3	Analyze the need for complete, partial, and adhesive prosthetic restorations in different types of edentulism, and explain the fundamental principles of their planning and application.													
	LO 4	Relate head and neck anatomy to the pathways of odontogenic infection spread, and summarize potential complications and fundamental surgical and medical treatment approaches.													
	LO 5	Distinguish the fundamental characteristics of temporomandibular joint disorders, dentoalveolar and jaw trauma, and orofacial pain conditions, and describe the initial assessment and referral steps.													
	LO 6	Explain the indications and fundamental surgical planning principles of advanced surgical procedures involving the maxillofacial skeleton, paranasal sinuses, and salivary glands.													
	LO 7	Distinguish oral mucosal lesions and benign and malignant pathologies of the jawbones based on their clinical, radiological, and histopathological features, and determine the fundamental treatment approaches.													
	LO 8	Select and interpret the fundamental statistical methods used in dental practice, and explain ethical principles and responsibilities in clinical and research settings.													

The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	3	4	1	2	1	3	4	1	1	1	1	1	1
	LO 2	4	4	1	4	3	3	1	1	1	1	1	1	1
	LO 3	4	1	1	5	2	4	1	1	1	1	1	1	1
	LO 4	5	5	4	1	4	1	1	1	1	1	1	1	1
	LO 5	3	3	1	2	1	3	4	3	1	1	1	1	1
	LO 6	3	3	2	2	1	3	3	1	1	1	1	1	1
	LO 7	3	4	1	1	1	1	3	1	1	1	1	1	1
	LO 8	1	1	1	1	5	1	1	1	1	1	5	1	1
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good														

Course Description	This course provides an integrated framework for advanced dental approaches to clinical assessment, diagnosis, and treatment planning in pediatric and adult patients. Within the scope of the course, fundamental principles related to restorative, prosthetic, orthodontic, surgical, and oral-maxillofacial pathologies are addressed from a holistic perspective. In addition, biostatistics, evaluation of research data, professional ethics, and deontology are included.
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Course Objectives	Objective 1	To teach multidisciplinary diagnosis and treatment principles for problems related to dentofacial growth and development and malocclusion in children and young patients, within the framework of preventive/interceptive orthodontic approaches, regenerative endodontic treatments, and safe clinical management
	Objective 2	To explain the concept of aesthetics in dentistry in an integrated manner, within the context of color management, bleaching methods, laminate veneer restorations, and gingival/periodontal aesthetic procedures
	Objective 3	To summarize the biomechanical design principles, clinical and laboratory stages, and repair approaches of advanced prosthetic restorations, particularly all-ceramic and removable partial prostheses
	Objective 4	To explain the vascular, neural, and soft tissue anatomy of the head and neck region in relation to the pathophysiology, spread pathways, treatment principles, and possible complications of odontogenic infections
	Objective 5	To teach the basic diagnostic steps and conservative/surgical treatment approaches for temporomandibular joint disorders, dentoalveolar and soft tissue trauma, jaw fractures, and orofacial pain
	Objective 6	To summarize the diagnosis and treatment principles of orthognathic, dentoalveolar, and preprosthetic surgical procedures performed in the maxillofacial region, as well as paranasal sinus and salivary gland diseases, in an integrated manner
	Objective 7	To explain the basic clinical and radiological features of infectious, inflammatory, benign, and malignant lesions observed in the oral mucosa, jaw bones, and surrounding tissues, as well as biopsy and histopathological evaluation processes and their role in treatment planning
	Objective 8	To develop the ability to perform basic statistical analysis of clinical and research data, and to recognize, interpret, and apply professional ethical and deontological principles in clinical practice and research processes.

Textbook / Resources	Resource 1	CS-1 Resources
	Resource 2	CS-2 Resources
	Resource 3	CS-3 Resources
	Resource 4	CS-4 Resources
	Resource 5	CS-5 Resources
	Resource 6	CS-6 Resources
	Resource 7	CS-7 Resources
	Resource 8	BS Resources

Teaching Methods of the Course	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☑

Course Content	Department	Subject	Activities	Resource	Hour
	CS-1	CS-1 Committee Content	IRS,ILS	1-12	34
	CS-2	CS-2 Committee Content	IRS,ILS	1-11	16
	CS-3	CS-3 Committee Content	IRS,ILS	1-7	18
	CS-4	CS-4 Committee Content	KRS,IRS,ILS	1-10	34+4
	CS-5	CS-5 Committee Content	IRS,ILS	1-20	26
	CS-6	CS-6 Committee Content	IRS,ILS	1-14	17
	CS-7	CS-7 Committee Content	IRS,ILS	1-16	46
	BS	BS Committee Content	IRS,ILS	1-6	45

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Weighted average of committee exams	60	CS 1-7, BS	PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC11
	2	End-of-year comprehensive theoretical examination – Session 1	20	CS 1-3, 5, 6	PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC11
	3	End-of-year comprehensive theoretical examination – Session 2	20	CS 4, 7, BS	PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC11

Limitations of Using Artificial Intelligence	*** The course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	228	228x1
Practical course hour	4	4x1
Preparation for the theoretical course	228	228x0.5
Preparation for the practical course	4	4x0.5
Preparation for the committee exam	8	8x11.87
Committee exam	8	8x1
Discussion session after the committee exam	8	8x1

Preparation for the final theoretical exam	1	1x32
Final theoretical exam	1	1x2
Total Workload		493
Estimated ECTS Credit		16.43
Approximate ECTS Credit		~16

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credit	ECTS
DTC400 – CS1	Pediatric Dentistry and Orthodontics		Compulsory	1	2
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC300 & DPC300	4	Academic year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
34	0	0	0	0	1	33

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:													
	LO 1	Describe the clinical findings of molar–incisor hypomineralization (MIH).												
	LO 2	List the occlusal changes that occur during the transition from primary to mixed dentition.												
	LO 3	List the indications for sedation and general anesthesia.												
	LO 4	Compare fixed and removable space maintainers.												
	LO 5	Describe the principles of orthodontic force and anchorage, and list the biomechanical properties of orthodontic appliances.												
	LO 6	Define the concepts of functional analysis and functional orthodontic treatment.												
	LO 7	Compare the types and treatments of preventive and interceptive orthodontics, and list their indications.												
	LO 8	Determine an appropriate psychological approach to patients undergoing orthodontic treatment.												
	LO 9	Describe the etiology of cleft lip and palate.												
	LO 10	Distinguish dental malocclusions from skeletal anomalies and explain their treatment principles.												
	LO 11	Explain fixed orthodontic treatment techniques and the principles and importance of retention therapy.												
	LO 12	Identify potential endodontic complications resulting from orthodontic treatment and list preventive methods.												
	LO 13	Perform pediatric dental assessment and treatment planning according to different cases.												
	LO 14	List the fundamental concepts of regenerative endodontic treatment.												
	LO 15	Compare orthodontic treatment types and list their indications.												
	LO 16	List harmful oral habits that affect occlusion and dental development in children.												
	LO 17	Determine the need for extraction of a primary tooth.												

The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	3	1	1	1	1	3	1	1	1	1	1	1
	LO 2	2	2	1	1	1	1	3	1	1	1	1	1	1
	LO 3	2	2	1	1	1	1	1	1	1	1	1	1	1
	LO 4	2	1	1	2	1	1	3	1	1	1	1	1	1
	LO 5	2	1	1	2	1	1	1	1	1	1	1	1	1
	LO 6	2	1	1	1	1	1	1	1	1	1	1	1	1
	LO 7	2	2	1	1	1	1	4	1	1	1	1	1	1
	LO 8	2	1	1	1	1	1	2	1	1	1	1	1	1
	LO 9	1	2	1	1	1	1	2	2	1	1	1	1	1
	LO 10	2	3	1	1	1	1	2	3	1	1	1	1	1
	LO 11	2	3	1	1	1	1	2	1	1	1	1	1	1
	LO 12	2	2	1	1	1	1	2	2	1	1	1	1	1
	LO 13	2	4	1	1	1	1	3	4	1	1	1	1	1
	LO 14	3	3	1	2	1	1	2	1	1	1	1	1	1
	LO 15	2	2	1	1	1	1	2	1	1	1	1	1	1
	LO 16	2	2	1	1	1	1	1	2	1	1	1	1	1
	LO 17	2	2	1	1	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good														

Committee Description	This committee provides a comprehensive overview of dentofacial growth and development, malocclusions, and related developmental disorders in children and young patients, together with the basic principles of preventive, interceptive, and therapeutic approaches.
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Committee Objectives	Objective 1	To explain the basic biological and functional mechanisms of dentofacial growth and development and malocclusion in children and young patients
	Objective 2	To discuss the effects of enamel defects, harmful oral habits, and early tooth loss on occlusion, function, and aesthetics
	Objective 3	To outline the general principles and clinical indications of preventive and interceptive orthodontic approaches
	Objective 4	To describe the basic biomechanical principles related to the use of removable and fixed appliances and functional appliances
	Objective 5	To explain the basic concepts related to the safe management of pediatric patients during procedures such as sedation, general anesthesia, and tooth extraction
	Objective 6	To teach the basic planning principles to be followed in regenerative root canal treatments and root/periapical changes associated with orthodontic treatment
	Objective 7	To explain the basic principles of treatment planning based on interdisciplinary teamwork in complex cases such as cleft lip and palate and advanced skeletal anomalies.

Textbook / Resources	Resource 1	Hyun Park J (2020). Temporary Anchorage Devices in Clinical Orthodontics. Wiley-Blackwell.
	Resource 2	Burstone C, Kwangchul C (2015). The Biomechanical Foundation of Clinical Orthodontics. 1st ed. Quintessence Publishing Co. China.
	Resource 3	Proffit W, Fields H (2018). Contemporary Orthodontics. 6th ed. Elsevier Publishing.
	Resource 4	Grabner L, Vig K, Huang G, Fleming P (2023). Orthodontics: Current Principles and Techniques. 7th ed. Elsevier Publishing.
	Resource 5	Aksoy A, Abdulhussein Z (2021). An Overview of Orthodontic Functional Analysis. Black Sea Journal of Health Science. 4(3):335-340.
	Resource 6	Dean J (2021). McDonald and Avery's Dentistry for the Child and Adolescent. 11th ed. Elsevier, Amsterdam.
	Resource 7	Nowak A (2018). Pediatric Dentistry Infancy Through Adolescence. 6th ed. Elsevier, Amsterdam.
	Resource 8	Coelho-Leal S, Takeshita EM (2019). Pediatric Restorative Dentistry. Springer, Switzerland.
	Resource 9	Consolaro A, Miranda DAO, Consolaro RB. Orthodontics and Endodontics: clinical decision-making. Dental Press J Orthod. 2020 May;25(3):20-29.
	Resource 10	Esteves T, Ramos AL, Pereira CM, Hidalgo MM. Orthodontic root resorption of endodontically treated teeth. J Endod. 2007 Feb;33(2):119-22.
	Resource 11	Cohen S., Hargreaves KM. (2011). Pathways of the Pulp. Mosby Elsevier, 10th. ed.
	Resource 12	Lecture Notes

Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming
	☒	☒	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒

	Department	Subject	Activities	Resource	Hour
	Pedodontics	Molar-incisor hypomineralization (MIH)	ILS	6-8,12	2
		Occlusal guidance	ILS	6-8,12	2
		Spacemaintainers	ILS	6-8,12	2
		Bad oral habits in children	ILS	6-8,12	1
		Sedation and general anesthesia / pharmacological applications	ILS	6-8,12	1
		Indications for primary teeth extraction	ILS	6-8,12	1
		Case evaluation	ILS	6-8,12	4
	Endodontics	Regenerative endodontics	ILS	11,12	1
		Preventive orthodontics and types of preventive orthodontics	ILS	1-5,12	1
	Orthodontics	Orthodontic force sources, orthodontic force types and properties, anchorage	ILS	1-5,12	1
		Tools used in orthodontic treatment and their biomechanical properties	ILS	1-5,12	1
		Examining the psychological aspects of orthodontic treatment	ILS	1-5,12	1
		Orthodontic treatment in cleft lip and palate	ILS	1-5,12	1

Committee Content		Functional analysis and myofunctional therapy	ILS	1-5,12	1
		Functional jaw orthopedics philosophy, functional jaw orthopedics	ILS	1-5,12	1
		Treatment principles of Cl II, div. 1 anomalies	ILS	1-5,12	1
		Treatment principles of Cl II, div. 2 anomalies	ILS	1-5,12	1
		Appliances that apply extra-oral force to the mouth	ILS	1-5,12	1
		Orthopedic treatment of Cl III anomalies	ILS	1-5,12	1
		Orthodontic surgical treatment, distraction osteogenesis	ILS	1-5,12	1
		Fixed orthodontic treatment, 6 keys to occlusion and retention	ILS	1-5,12	1
		Respiratory system and its relationship with orthodontics	ILS	1-5,12	1
		Orthop-orthodontic treatment in deep bite cases	ILS	1-5,12	1
		Orthop-orthodontic treatment in open bite cases	ILS	1-5,12	1
		Orthop-orthodontic applications in horizontal direction anomalies (slow-rapid expansion)	ILS	1-5,12	1
		Orthodontic treatment of impacted teeth	ILS	1-5,12	1
	Endodontics	Endodontics - orthodontics relationship	ILS	8-12	1
	Multidisciplinary	Committee exam		1-12	1
		Post-exam discussion session	RS	1-12	1
		Final theoretical exam		1-12	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	9	1-12	PC1, PC2, PC4, PC6, PC7
	2	Final theoretical exam	6	1-12	PC1, PC2, PC4, PC6, PC7

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hours	33	33×1
Preparation for the theoretical course	33	33×0.5
Preparation for the committee exam	1	1×10
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1
Preparation for the final theoretical exam	1	1×4
Final theoretical exam	1	1×1
Total Workload		66.5
Estimated ECTS Credit		2.21
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credit	ECTS
DTC400 – CS2	Color and Aesthetics		Compulsory	1	1
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC300 & DPC300	4	Academic year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
16	0	0	0	0	1	15

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:													
	LO 1	Identify the components of color and list the steps of visual shade selection.												
	LO 2	List the criteria used in aesthetic analysis and select an appropriate illusion technique for a given case.												
	LO 3	Describe the etiology of discolorations observed in dental hard tissues and relate the methods and materials used in their treatment to the relevant indications.												
	LO 4	Distinguish the indications for direct and indirect laminate veneer restorations, select appropriate materials, and explain the application stages.												
	LO 5	Determine the appropriate periodontal treatment method for aesthetic procedures.												

The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	3	1	1	3	1	1	1	1	1	1	1	1	1
	LO 2	3	1	1	1	1	1	1	1	1	1	1	1	1
	LO 3	4	3	1	4	3	1	1	1	1	1	1	1	1
	LO 4	4	3	1	5	3	1	1	1	1	1	1	1	1
	LO 5	4	4	1	1	3	3	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good														

Committee Description	This committee introduces the concept of aesthetics in dentistry and the basic approaches to smile design. It provides students with fundamental knowledge of dental aesthetic evaluation, color management, bleaching, and aesthetic restorative and periodontal applications.													
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Committee Objectives	Objective 1	To explain the basic concepts and methods related to color perception, color determination, and shade selection												
	Objective 2	To teach the causes of discoloration in dental hard tissues and the main bleaching approaches applied in vital and non-vital teeth												
	Objective 3	To explain the basic characteristics, indications, and contraindications of composite and porcelain laminate veneer restorations												
	Objective 4	To evaluate the principles of using aesthetic analysis and optical illusion techniques in smile design												
	Objective 5	To discuss the role of gingival aesthetic procedures and periodontal plastic surgery applications in dental aesthetics.												

Textbook / Resources	Resource 1	Berman LH, Hargreaves KM (2020). Cohen's pathways of the pulp-e-book. Elsevier Health Sciences.												
	Resource 2	Zimmerli B, Jeger F, Lussi A (2010). Bleaching of nonvital teeth. Schweiz Monatsschr Zahnmed. 120(4). 306-13.												
	Resource 3	Paravina RD, Powers JM (2004). Esthetic color training in dentistry. St. Louis: Elsevier Mosby.												
	Resource 4	Paravina RD, Pérez MM, Ghinea R. Acceptability and perceptibility thresholds in dentistry: A comprehensive review of clinical and research applications. J Esthet Restor Dent. 2019 Mar;31(2):103-112.												
	Resource 5	Fradeani M. (2004). Esthetic Rehabilitation In Fixed Prosthodontics. Volume 1: Esthetic Analysis. Quintessence Publishing Co, Inc: Chicago.												
	Resource 6	Lindhe J, Lang NP (2015). Clinical periodontology and implant dentistry, 8th ed. WB Saunders Company.												
	Resource 7	Çağlayan G (2018). Periodontoloji ve İmplantoloji, Quintessence Yayınları, Türkiye.												
	Resource 8	Newman M, Takei H, Klokkevold P, Carranza F (2019). Clinical Periodontology, 13th ed., Elsevier.												
	Resource 9	Ritter AV, Boushell LW, Walter R (2016). Sturdevant's Art and Science of Operative Dentistry, 7th ed, Elsevier Health Sciences.												
	Resource 10	Garg N, Garg A (2020). Textbook of Operative Dentistry. 4th ed, Jaypee Brothers Medical Publishers.												
	Resource 11	Lecture notes												

Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☑

Committee Content	Department	Subject	Activities	Resource	Hour
	Prosthetic Dentistry	Color and color detection methods	ILS	3-5,11	2
		Aesthetic analysis and illusion techniques	ILS	3-5,11	2
	Restorative Dentistry	Etiology of discoloration in tooth hard tissues	ILS	9-11	1
		Whitening and non-whitening approaches in vital teeth	ILS	9-11	2
	Endodontics	Whitening in devital teeth	ILS	1,2,11	2
	Restorative Dentistry	Composite laminate veneers	ILS	9-11	2
	Prosthetic Dentistry	Porcelain laminate veneers	ILS	3-5,11	2
	Periodontology	Gingival aesthetics (gingivectomy and gingivoplasty)	ILS	6-8,11	1
		Periodontal aesthetic surgery	ILS	6-8,11	1
		Committee exam		1-11	1
	Multidisciplinary	Post-exam discussion session	RS	1-11	1
		Final theoretical exam		1-11	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	4.2	1-11	PC1, PC2, PC4, PC5, PC6
	2	Final theoretical exam	2.8	1-11	PC1, PC2, PC4, PC5, PC6

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.													
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hours	15	15x1
Preparation for the theoretical course	15	15x0.5
Preparation for the committee exam	1	1x7
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x3
Final theoretical exam	1	1x1
Total Workload		35.5
Estimated ECTS Credit		1.18
Approximate ECTS Credit		~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY															
COMMITTEE SYLLABUS															
Committee Code		Committee Name				Committee Status		Credit		ECTS					
DTC400 - CS3		Advanced Stages in Prosthetic Dentistry				Compulsory		1		1					
Committee Language		Committee Type		Prerequisite		Year		Term		Attendance					
English		Face to face		DTC300 & DPC300		4		Academic year		70%					
Class Hours			Learning Sessions												
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)			Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)			
18	0	0	0			0			1			17			
Learning Outcomes of the Committee	Upon completing this committee, students will be able to:														
	LO 1	Select an appropriate technique for the fabrication of all-ceramic restorations and discuss the rationale for the selection.													
	LO 2	Determine methods for resolving problems that arise over time in fixed and removable prostheses.													
	LO 3	Develop the structural components of removable partial dentures according to treatment requirements.													
	LO 4	Classify removable partial denture cases and analyze the principles of treatment planning.													
	LO 5	Determine the need for pre-prosthetic oral preparation in completely and partially edentulous patients and list the criteria for its implementation.													
	LO 6	Select an appropriate type of adhesive bridge and restorative material for a given case.													
LO 7	List the indications for simple and complex prosthetic restorations used in different edentulous conditions and explain their applications.														
The Relationship between Learning Outcomes and Program Competencies	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13		
	LO 1	4	1	1	5	2	1	1	1	1	1	1	1		
	LO 2	3	1	1	1	2	3	1	1	1	1	1	1		
	LO 3	4	1	1	1	2	1	1	1	1	1	1	1		
	LO 4	4	1	1	5	2	3	1	1	1	1	1	1		
	LO 5	4	1	1	1	2	4	1	1	1	1	1	1		
	LO 6	4	1	1	5	2	3	1	1	1	1	1	1		
LO 7	4	1	1	1	2	3	1	1	1	1	1	1			
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good															
Committee Description	This committee addresses the basic principles related to the planning, special design features, and repair of advanced prosthetic restorations. Students gain knowledge of the main indications and basic application steps of different types of prostheses.														
Committee Objectives	Objective 1	To teach the production technologies of all-ceramic restorations													
	Objective 2	To introduce advanced structural components that can be used in removable partial prostheses													
	Objective 3	To explain planning principles related to biomechanical factors in removable partial prostheses													
	Objective 4	To teach the clinical and laboratory stages of advanced prosthetic restorations													
	Objective 5	To introduce repair systems used in prosthetic restorations.													
Textbook / Resources	Resource 1	Ulusoy M, Aydın K (2010). Dış Hekimliğinde Hareketli Bölümlü Protezler. Cilt I ve II. 3. baskı. Ankara Üniversitesi Dış Hekimliği Fakültesi Yayınları: Ankara													
	Resource 2	Çalikkocaoğlu S (2013). Dışız Hastaların Protetik Tedavisi Klasik Tam Protezler. 6. baskı. Quintessence Yayıncılık, İstanbul													
	Resource 3	Kulak Özkan Y (2020). Tam Protezler: Problemler ve Çözüm Yolları - 1. Cilt. 2. baskı. Quintessence Yayıncılık, İstanbul													
	Resource 4	Can G, Akaltan F (2014). Hareketli Bölümlü Protezler - Planlama. 3. baskı. Rotatıp Kitabevi: Ankara													
	Resource 5	Eskimez Ş, İzgi AD (2008). Adeziv Köprüler ve Klinik Uygulamaları, Quintessence Yayıncılık, İstanbul.													
	Resource 6	Thompson VP. (2017). Whence the Maryland Bridge? The evolution of the adhesive bridge. Dental Historian: Lindsay Club Newsletter, 62(1), 9-14.													
	Resource 7	Lecture Notes													
Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming			
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☑			
Committee Content	Department	Subject						Activities		Resource			Hour		
	Prosthetic Dentistry	Manufacturing techniques of all-ceramic restorations						ILS		1-7			1		
		Repair of fixed prosthetic restorations						ILS		1-7			1		
		Relining and denture base replacement in removable prosthetic restorations						ILS		1-7			2		
		Precision attachments						ILS		1-7			1		
		Stress breakers in removable partial dentures						ILS		1-7			1		
		Immediate dentures						ILS		1-7			1		
		Oral examination and preprosthetic preparations for complete dentures						ILS		1-7			1		
		Clinical examination and oral preparation in removable partial dentures						ILS		1-7			1		
		Removable partial denture planning (Class I-II)						ILS		1-7			2		
		Removable partial denture planning (Class III-IV)						ILS		1-7			2		
		Overdenture prostheses						ILS		1-7			1		
		Adhesive restorations						ILS		1-7			1		
		Single complete dentures						ILS		1-7			1		
		Soft lining materials and tissue conditioners						ILS		1-7			1		
		Committee exam								1-7			1		
Post-exam discussion session						RS		1-7			1				
Final theoretical exam								1-7			1				
Evaluation Criteria		Method	Contr. (%)		Resource		Relevant Qualifications								
	1	Committee exam	4.2		1-7		PC1, PC4, PY5, PY6								
2	Final theoretical exam	2.8		1-7		PC1, PC4, PY5, PY6									
Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.														
Workload and ECTS Calculation															
Educational Tool									Quantity	Student Workload (Hours)					
Theoretical course hours									17	17x1					
Preparation for the course									17	17x0.5					
Preparation for the committee exam									1	1x10					
Committee exam									1	1x1					
Discussion session after the committee exam									1	1x1					
Preparation for the final theoretical exam									1	1x3					
Final theoretical exam									1	1x1					
Total Workload									41.5						
Estimated ECTS Credit									1.38						
Approximate ECTS Credit									~1						

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY																
COMMITTEE SYLLABUS																
Committee Code		Committee Name					Committee Status		Credit		ECTS					
DTC400 - CS4		Oral Infections and Malnignancies I					Compulsory		1		2					
Committee Language		Committee Type		Prerequisite			Year		Term		Attendance					
English		Face to face		DTC300 & DPC300			4		Academic year		70%					
Class Hours			Learning Sessions													
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)				Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)		Instructor-led Sessions (ILS)				
34	4	0	0				4			1		33				
Learning Outcomes of the Committee	Upon completing this committee, students will be able to;															
	LO 1	Describe the anatomical structures of the head and neck and list their innervation and vascular supply.														
	LO 2	Relate the major potential spaces in the head and neck region to the spread of infection.														
	LO 3	Describe odontogenic infections and explain their routes of spread.														
	LO 4	List primary and secondary fascial space infections and identify their complications.														
	LO 5	Explain the surgical and antimicrobial treatment of odontogenic infections.														
The Relationship between Learning Outcomes and Program Competencies			PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13	
	LO 1	4	4	1	1	1	1	1	1	1	1	1	1	1	1	
	LO 2	4	4	1	1	1	1	1	1	1	1	1	1	1	1	
	LO 3	5	5	2	1	1	3	1	1	1	1	1	1	1	1	
	LO 4	4	4	2	1	1	3	1	1	1	1	1	1	1	1	
	LO 5	5	5	4	1	1	4	1	1	1	1	1	1	1	1	
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good																
Committee Description		This committee presents the vascular, neural, and soft tissue anatomy of the head and neck region together with the pathophysiology, spread pathways, and clinical management of odontogenic infections.														
Committee Objectives	Objective 1	To explain the anatomical structures, innervation, and vascularization of the head and neck region in relation to the mechanisms of infection spread														
	Objective 2	To teach the basic pathophysiology, clinical findings, and main factors affecting the severity of odontogenic infections														
	Objective 3	To summarize the basic principles of medical antibiotic therapy and surgical treatment approaches in odontogenic infections														
	Objective 4	To explain the serious complications of odontogenic infections and the requirements for patient follow-up and referral in such cases.														
Textbook / Resources	Resource 1	Drake RL (2018). Grays Anatomi Öğrenciler için, 3. baskı, Nobel Tıp Kitabevi.														
	Resource 2	Cumhur M (2020). Fonksiyonel Anatomi: Baş, Boyun ve İç Organlar, 11. baskı, ODTÜ Yayıncılık.														
	Resource 3	Standing S (2020) Gray's Anatomy: The Anatomical Basis of Clinical Practice, 42nd edition.														
	Resource 4	Dalley A. F. (2022) Moore's Clinically Oriented Anatomy, 9th Edition														
	Resource 5	Scheunke M. (2020) Atlas of Anatomy, Head, Neck, and Neuroanatomy 3rd edition. Thieme														
	Resource 6	Hupp JR, Ellis E, and Tucker MR (2019). Contemporary oral and maxillofacial surgery. 7th edition. Elsevier Inc., Philadelphia, PA.														
	Resource 7	Gore MR. Odontogenic necrotizing fasciitis: a systematic review of the literature. BMC Ear Nose Throat Disord. 2018;18:14.														
	Resource 8	Kurnaz S, Kiraz G. Odontojenik enfeksiyonların değerlendirilmesi, komplikasyonları ve tedavisi- Derleme. JHS. 2017;26(2):175-180.														
	Resource 9	Keskin Tunç S, Kahraman NH. Odontojenik Enfeksiyonlar. Van Dış Hekimliği Dergisi, 2021;2(1):42-54.														
	Resource 10	Lecture Notes														
Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming				
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☑				
Committee Content	Anatomy	Department					Subject				Activities		Resource		Hour	
							Arteries and veins of the face and neck region				ILS		1-5,10		1	
							Regio frontalis, regio occipitalis, regio parietalis				ILS		1-5,10		1	
							Regio temporalis				ILS		1-5,10		1	
							Regio periorbitalis				ILS		1-5,10		1	
							Regio perioralis ve buccalis				ILS		1-5,10		1	
							Regio mentalis and superficial cervical region				ILS		1-5,10		1	
							Soft tissues of the face and the superficial musculoaponeurotic system (SMAS)				ILS		1-5,10		1	
							Cavitas oris				ILS		1-5,10		2	
							Regio pharyngea				ILS		1-5,10		2	
							Cervical fasciae and neck triangles				ILS		1-5,10		2	
							Root of the neck				ILS		1-5,10		1	
							Regio infratemporalis				ILS		1-5,10		2	
							Regio pterygopalatina				ILS		1-5,10		1	
							Parotid region				ILS		1-5,10		1	
							Potential spaces of the head and neck region and routes of infection spread				ILS		1-5,10		2	
							N. trigeminus				ILS		1-5,10		2	
							N. facialis				ILS		1-5,10		1	
							Practical course: Anatomy				KRS		1-5,10		4	
	Oral and Maxillofacial Surgery						Pathophysiology and spread of odontogenic infections				ILS		6,10		1	
							Concepts of inoculation, cellulitis, and abscess in odontogenic infections				ILS		6,10		1	
							Severity of odontogenic infections and host resistance				ILS		6,10		1	
							Surgical management of odontogenic infections				ILS		6,10		1	
							Antimicrobial therapy in odontogenic infections				ILS		6,10		1	
							Patient follow-up in odontogenic infections				ILS		6,10		1	
							Complicated odontogenic infections: Primary fascial space infections				ILS		7-10		1	
							Complicated odontogenic infections: Secondary fascial space infections				ILS		7-10		1	
							Odontogenic sinusitis, Ludwig's angina, necrotizing fasciitis				ILS		7-10		1	
							Complications of odontogenic infections				ILS		7-10		1	
	Multidisciplinary						Committee exam						1-10		1	
							Post-exam discussion session				RS		1-10		1	
							Final theoretical exam						1-10		1	
Evaluation Criteria		Method			Contr. (%)		Resource			Relevant Qualifications						
	1	Committee exam			9.6		1-10			PC1, PC2, PC3, PC6						
	2	Final theoretical exam			6.4		1-10			PC1, PC2, PC3, PC6						
Limitations on the Use of Artificial Intelligence		*** The committee is not open to the use of AI-based tools.														

Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	33	33×1
Practical course hour	4	4×1
Preparation for the theoretical course	33	33×0.5
Preparation for the practical course	4	4×0.5
Preparation for the committee exam	1	1×10
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1
Preparation for the final theoretical exam	1	1×3
Final theoretical exam	1	1×1
Total Workload		715
Estimated ECTS Credit		2.38
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY														
COMMITTEE SYLLABUS														
Committee Code		Committee Name					Committee Status		Credit		ECTS			
DTC400 - CS5		Temporomandibular Joint, Trauma and Pain					Compulsory		1		2			
Committee Language		Committee Type		Prerequisite			Year		Term		Attendance			
English		Face to face		DTC300 & DPC300			4		Academic year		70%			
Class Hours			Learning Sessions											
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)				Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)	
26	0	0	0				0			1			25	
Learning Outcomes of the Committee	Upon completing this committee, students will be able to;													
	LO 1	Describe the temporomandibular joint and the surrounding anatomical structures.												
	LO 2	Identify the signs and symptoms of temporomandibular joint disorders, classify their pathologies, and select an appropriate imaging method based on the preliminary diagnosis.												
	LO 3	Relate medical, non-invasive, surgical, and prosthetic treatment options to temporomandibular joint disorders according to their indications.												
	LO 4	Classify traumatic injuries observed in pediatric dental patients and relate them to appropriate diagnostic and treatment methods.												
	LO 5	Identify the signs and symptoms of dental and soft-tissue trauma cases and determine the appropriate clinical approach.												
	LO 6	Classify jaw fractures and describe reduction and fixation methods.												
	LO 7	Identify sources of pain in the head and neck region and explain the clinical approach to patients with pain and the relevant treatment methods.												
The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	3	2	1	1	1	1	1	1	1	1	1	1	1
	LO 2	3	2	1	1	1	2	2	3	1	1	1	1	1
	LO 3	2	2	1	1	1	2	2	1	1	1	1	1	1
	LO 4	3	3	1	1	1	2	4	1	1	1	1	1	1
	LO 5	3	3	1	1	1	2	3	1	1	1	1	1	1
	LO 6	2	2	1	2	1	2	1	1	1	1	1	1	1
	LO 7	3	3	1	1	1	3	2	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good														
Committee Description	This committee presents the diagnostic and basic treatment principles of temporomandibular joint disorders, dental trauma, jaw fractures, and orofacial pain.													
Committee Objectives	Objective 1	To summarize the anatomy and function of the temporomandibular joint, and to outline the main causes, diagnostic steps, and basic treatment approaches of temporomandibular disorders												
	Objective 2	To explain the classification, clinical findings, and emergency management principles of dental and jaw trauma												
	Objective 3	To discuss the basic principles of endodontic, periodontal, and restorative treatment options that may be applied in traumatized primary and permanent teeth												
	Objective 4	To explain the basic approach required to distinguish odontogenic and non-odontogenic causes of facial pain and to plan appropriate referral and treatment												
Textbook / Resources	Resource 1	Chong BS (2019). Harty Klinik Uygulamada Endodonti, Çeviri editörü: Özçelik B, 7. baskı Elsevier, Güneş Tip Kitabevi, Ankara.												
	Resource 2	European Society of Endodontology (ESE) developed by: Krastl G, Weiger R, et al. European Society of Endodontology position statement: endodontic management of traumatized permanent teeth. Int Endod J. 2021;54(9):1473-1481.												
	Resource 3	Bourguignon C, Cohenca N, Lauridsen E, et al. International Association of Dental Traumatology guidelines for the management of traumatic dental injuries: 1. Fractures and luxations. Dent Traumatol. 2020;36(4):314-330.												
	Resource 4	Fouad AF, Abbott PV, Tsilingaridis G, et al. International Association of Dental Traumatology guidelines for the management of traumatic dental injuries: 2. Avulsion of permanent teeth. Dent Traumatol. 2020;36(4):331-342.												
	Resource 5	Mallya SM, Lam EWN (2019). White And Pharaoh's Oral Radiology. 8th ed. Elsevier, Missouri												
	Resource 6	Rozlyto-Kalinowska I, Orhan K (2019). Imaging of the Temporomandibular Joint. 1st ed. Springer, Switzerland.												
	Resource 7	Drake RL (2018). Grays Anatomi Öğrenciler için, 3. baskı, Nobel Tip Kitabevi.												
	Resource 8	Cumhur M (2020). Fonksiyonel Anatomi: Baş, Boyun ve İç Organlar, 11. baskı, ODTÜ Yayıncılık.												
	Resource 9	International Association for Dental Traumatology Guidelines												
	Resource 10	Jens O. Andreasen, Frances M. Andreasen, Lars Andersson. Textbook and Color Atlas of Traumatic Injuries to the Teeth, 5th Edition. Wiley-Blackwell, 2018												
	Resource 11	Haas, M. (2017). Managing Endodontic Emergencies. Dentistry Today, 36(5), 80-83.												
	Resource 12	Torabinejad M, Fouad AF, Shabahang S (2020). Endodontics e-book: Principles and practice. Elsevier Health Sciences.												
	Resource 13	Cohen S., Hargreaves KM. (2011). Pathways of the Pulp. Mosby Elsevier, 10th. ed.												
	Resource 14	Marto CM, Baptista Paula A, Nunes T, Pimenta M, Abrantes AM, Pires AS, Laranjo M, Coelho A, Donato H, Botelho MF, Marques Ferreira M. Evaluation of the efficacy of dentin hypersensitivity treatments—A systematic review and follow-up analysis. Journal of oral rehabilitation. 2019;46(10):952-90.												
	Resource 15	Ward Booth P, Schendel S, Hausamen JE. (2006). Maxillofacial Surgery. 2nd edition. Churchill Livingstone												
	Resource 16	Okeson J. (2019). Management of Temporomandibular Disorders and Occlusion. 8th edition. Mosby												
	Resource 17	Aminoshariae A, Kulild JC. Current concepts of dentinal hypersensitivity. Journal of Endodontics. 2021;1:47(11):1696-702.												
	Resource 18	Soares PV, Grippo JO (2020). Noncarious cervical lesions and cervical dentin hypersensitivity: etiology, diagnosis, and treatment. Quintessence Publishing Company.												
	Resource 19	Özcan İ. (2023) Multidisipliner Prensiplerle Oral Diagnoz. İstanbul Mesikal Sağlık ve Yayıncılık Hiz. Tic. Ltd. Şti.												
	Resource 20	Lecture Notes												
Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming		
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☑		
Committee Content	Department	Subject						Activities		Resource		Hour		
	Anatomy	Articulatio temporomandibularis and masticatory muscles						ILS		7,8,20		1		
	Dentomaxillofacial Radiology	Temporomandibular joint disorders and pathologies						ILS		5,6,20		1		
		Imaging techniques of the temporomandibular joint						ILS		5,6,20		1		
	Oral and Maxillofacial Surgery	Conservative medical and invasive approaches to temporomandibular joint disorders						ILS		15,16,20		1		
	Prosthetic Dentistry	Prosthetic approaches to temporomandibular joint disorders						ILS		16,20		1		
	Pedodontics	Introduction to dental trauma, anamnesis, extraoral and intraoral examination, radiological						ILS		9,10,20		2		
		Classification of dental trauma						ILS		9,10,20		1		
		Traumatic injuries to primary teeth and their management						ILS		9,10,20		3		
		Traumatic injuries to permanent teeth and their management						ILS		9,10,20		3		
		Types of splints – patient follow-up						ILS		9,10,20		1		
	Endodontics	Endodontic approaches in traumatized permanent teeth						ILS		1-4,20		2		
		Classification and clinical signs of maxillofacial fractures						ILS		15,20		1		
	Oral and Maxillofacial Surgery	Maxillary fractures and their management						ILS		15,20		1		
		Mandibular fractures and their management						ILS		15,20		1		
		Non-odontogenic pain						ILS		19,20		2		
	Dentomaxillofacial Radiology	Emergency approaches and pain management in endodontics						ILS		11-13,20		1		
	Restorative Dentistry	Dentin hypersensitivity						ILS		14,17,18,20		2		
	Multidisciplinary	Committee exam								1-20		1		
		Post-exam discussion session						RS		1-20		1		
		Final theoretical exam								1-20		1		
Evaluation Criteria		Method	Contr. (%)		Resource		Relevant Qualifications							
	1	Committee exam	6		1-20		PC1, PC2, PC4, PC6, PC7, PC8							
	2	Final theoretical exam	4		1-20		PC1, PC2, PC4, PC6, PC7, PC8							

Limitations on the Use of Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hours	25	25×1
Preparation for the theoretical course	25	25×0.5
Preparation for the committee exam	1	1×15
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1
Preparation for the final theoretical exam	1	1×4
Final theoretical exam	1	1×1
Total Workload		59.5
Estimated ECTS Credit		1.98
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

COMMITTEE SYLLABUS

Committee Code	Committee Name		Committee Status	Credit	ECTS
DTC400 - CS6	Advanced Surgical Approaches		Compulsory	1	1
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTC300 & DPC300	4	Academic year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
17	0	0	0	0	1	16

Learning Outcomes of the Committee	Upon completing this committee, students will be able to:					
	LO 1	Define orthognathic surgery and classify osteotomy techniques applied to the jaws.				
	LO 2	List the etiologies of cleft lip and palate and explain the timing of treatment.				
	LO 3	Classify impacted teeth, list the indications and contraindications for extraction, and list extraction techniques.				
	LO 4	Identify the biomaterials used in maxillofacial surgery and list augmentation and preprosthetic surgical techniques.				
	LO 5	Classify the types of tooth transplantation and select appropriate techniques according to the indication.				
	LO 6	Determine the need for apical resection and select the appropriate materials and techniques.				
	LO 7	Identify the anatomy and pathologies of the paranasal region, distinguish them from pathologies of odontogenic origin, and select the appropriate treatment.				
	LO 8	List the radiological and microscopic diagnostic criteria for salivary gland diseases and tumors, and explain their surgical treatments.				

The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	2	1	1	1	2	1	1	1	1	1	1	1
	LO 2	2	2	1	1	1	2	3	1	1	1	1	1	1
	LO 3	3	3	1	2	1	3	2	1	1	1	1	1	1
	LO 4	2	2	1	2	1	2	1	1	1	1	1	1	1
	LO 5	2	2	1	1	1	2	1	1	1	1	1	1	1
	LO 6	3	3	1	2	1	2	1	1	1	1	1	1	1
	LO 7	2	3	2	1	1	2	1	1	1	1	1	1	1
	LO 8	2	3	2	1	1	2	2	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good														

Committee Description	This committee outlines the fundamental principles of diagnosis and treatment for advanced dentoalveolar/maxillofacial surgical procedures performed in the maxillofacial region, as well as paranasal sinus and salivary gland diseases.
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Committee Objectives	Objective 1	To explain the indications, basic techniques, and possible complications of surgical approaches for the correction of the dentofacial skeleton and occlusion
	Objective 2	To summarize the indications and planning steps of dentoalveolar surgical procedures such as preparation for prosthetic and orthodontic treatment, impacted teeth, and endodontic surgery
	Objective 3	To discuss the biological basis and main areas of use of ridge shaping, grafting, and augmentation procedures
	Objective 4	To describe the normal anatomy of the paranasal sinuses and salivary glands and outline the clinical, radiological, and pathological features and treatment approaches of common diseases affecting these structures.

Textbook / Resources	Resource 1	Özcan İ (2017). Dış Hekimliğinde Radyolojinin Esasları Konvansiyonelden-Dijitale. 1. baskı. İstanbul Medikal Sağlık ve Yayıncılık, İstanbul
	Resource 2	Mallya SM, Lam EWN (2019). White and Pharaoh's Oral Radiology, 8th ed. Elsevier, Missouri.
	Resource 3	Garg AK (2024). Bone: Biology, Harvesting, and Grafting for Dental Implants. 2nd edition. Quintessence Publishing
	Resource 4	Ward Booth P, Schendel S, Hausamen JE. (2006). Maxillofacial Surgery, 2nd edition. Churchill Livingstone
	Resource 5	Alpaslan C (2018). Evidence-Based Diagnostic and Treatment Approaches in Oral and Maxillofacial Surgery. Quintessence Publishing., İstanbul
	Resource 6	Miloro, M., Ghali, G. E., Larsen, P., & Waite, P. (Eds.). (2014). Peterson's principles of oral and maxillofacial surgery (3rd ed.). People's Medical Publishing House.
	Resource 7	Iro, H., & Zenk, J. (2014). Salivary gland diseases in the era of sialendoscopy: Evolution of minimally invasive approaches. German Medical Science, 12, Doc01. https://doi.org/10.3205/000187
	Resource 8	Miloro M, Ghali GE, Larsen PE, Waite P. (2022). Peterson's Principles of Oral and Maxillofacial Surgery, 4th edition. Springer Nature.
	Resource 9	Hupp JR, Ellis E, and Tucker MR (2019). Contemporary Oral and Maxillofacial Surgery, 7th ed. Elsevier Inc., Philadelphia, PA.
	Resource 10	Fonseca RJ, Barber HD, Powers MP (2017). Oral and maxillofacial surgery: Volume 3—Reconstructive and preprosthetic surgery. 3rd edition. Elsevier.
	Resource 11	Torabinejad M, Fouad AF, Shabahang S (2020). Endodontics e-book: Principles and practice. Elsevier Health Sciences.
	Resource 12	Cohen S., Hargreaves KM. (2011). Pathways of the Pulp. Mosby Elsevier, 10th. ed.
	Resource 13	Chong BS (2019). Harty Klinik Uygulamada Endodonti, Çeviri editörü: Özçelik B, 7. baskı Elsevier, Güneş Tıp Kitabevi, Ankara.
	Resource 14	Lecture Notes

Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☑

Committee Content	Department	Subject	Activities	Resource	Hour
	Oral and Maxillofacial Surgery	Orthognathic surgery, osteotomy, distraction	ILS	4,14	1
		Cleft lip and palate and their treatments	ILS	4,14	1
		Impacted teeth (pathogenesis, diagnosis, treatment)	ILS	5,8,9,14	2
		Preprosthetic surgery	ILS	5,6,10,14	1
		Biomaterials (grafts, augmentation)	ILS	3,14	1
		Autotransplantation, reimplantation	ILS	6,14	1
	Endodontics	Endodontic surgery	ILS	11-14	1
	Dentomaxillofacial Radiology	Paranasal sinus anatomy, diseases, and radiology	ILS	1,2,14	2
	Oral and Maxillofacial Surgery	Maxillary sinus diseases, oroantral communications, and treatments	ILS	4,14	1
	Dentomaxillofacial Radiology	Salivary gland anatomy, diseases, and radiology	ILS	1,2,14	2
	Oral and Maxillofacial Surgery	Treatment of salivary gland diseases	ILS	5-7,14	2
	Patology	Pathology of salivary gland diseases	ILS	14	1
	Multidisciplinary	Committee exam		1-14	1
		Post-exam discussion session	RS	1-14	1
		Final theoretical exam		1-14	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	4,2	1-10	PC1, PC2, PC3, PC4, PC6, PC7
	2	Final theoretical exam	2,8	1-10	PC1, PC2, PC3, PC4, PC6, PC7

Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hours	16	16x1

Preparation for the theoretical course	16	16×0.5
Preparation for the committee exam	1	1×8
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1
Preparation for the final theoretical exam	1	1×2
Final theoretical exam	1	1×1
Total Workload		37
Estimated ECTS Credit		1.23
Approximate ECTS Credit		~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY																
COMMITTEE SYLLABUS																
Committee Code		Committee Name					Committee Status		Credit		ECTS					
DTC400 - CS7		Oral Infections and Malignancies II					Compulsory		1		4					
Committee Language		Committee Type		Prerequisite			Year		Term		Attendance					
English		Face to face		DTC300 & DPC300			4		Academic year		70%					
Class Hours			Learning Sessions													
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)				Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)			
46	0	0	0				0			1			45			
Learning Outcomes of the Committee	Upon completing this committee, students will be able to:															
	LO 1	Distinguish the clinical and microscopic findings of soft-tissue lesions affecting the oral mucosa and surrounding tissues.														
	LO 2	Identify radiopaque and radiolucent lesions in the maxillofacial region and explain their clinical, radiographic, and pathological features.														
	LO 3	Describe the general characteristics of benign and malignant tumors, and list the fundamental criteria and microscopic features used to distinguish them.														
	LO 4	Describe the biopsy procedures and treatments for oral mucosal lesions, jaw cysts, and tumors.														
	LO 5	Distinguish the clinical features of inflammatory diseases of the jaws and describe the treatment methods for osteomyelitis.														
The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13		
	LO 1	3	4	1	1	1	1	3	1	1	1	1	1	1		
	LO 2	3	4	1	1	1	1	3	1	1	1	1	1	1		
	LO 3	2	4	1	1	1	1	3	1	1	1	1	1	1		
	LO 4	2	4	1	1	1	1	3	1	1	1	1	1	1		
	LO 5	2	4	1	1	1	1	3	1	1	1	1	1	1		
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good																
Committee Description	This committee focuses on diagnostic and treatment approaches for infectious, inflammatory, benign, and malignant pathologies observed in the head and neck region. Students learn about soft tissue lesions of the oral mucosa, radiolucent and radiopaque lesions of the jaws, histopathological characteristics of benign and malignant tumors, and biopsy techniques.															
Committee Objectives	Objective 1	To explain the basic clinical and radiographic features of common pathological lesions observed in the oral mucosa and jaw bones														
	Objective 2	To provide an understanding of the principles of benign–malignant differentiation and differential diagnosis of these lesions														
	Objective 3	To discuss the role of biopsy, pathological examination, and radiological evaluation in diagnosis and treatment planning														
	Objective 4	To summarize the principles of prognosis, basic treatment approaches, and patient follow-up for identified lesions														
Textbook / Resources	Resource 1	Neville BW, Damm DD, Allen C, Chi AC (2015). Oral and Maxillofacial Pathology. 4th edition, Elsevier Health Sciences, St. Louis, Missouri														
	Resource 2	Laskaris G. (2017). Color Atlas of Oral Diseases: Diagnosis and Treatment. 4th edition. Thieme.														
	Resource 3	Regezi JA, Sciubba J, Jordan RCK (2017). Oral Pathology: Clinical Pathologic Correlations, 7th ed, Elsevier, Missouri														
	Resource 4	Kumar V, Abbas A, Aster JC (2021). Robins & Cotran Pathologic Basis of Disease,10th ed, Elsevier, Philadelphia.														
	Resource 5	Langlais RP, Miller CS, Jilka S (2020). Gehrig Color Atlas of Common Oral Diseases. 5th ed, Jones & Bartlett Learning, LLC.														
	Resource 6	Mallya SM, Lam EWN (2019). White And Pharaoh's Oral Radiology: Principles and Interpretation. 8th ed. Elsevier, Missouri														
	Resource 7	Glick M, Greenberg MS, Lockhart PB, Challacombe SJ (2021). Burket's Oral Medicine. 13th ed. Wiley Blackwell Yayıncılık, USA.														
	Resource 8	Cardesa A, Slootweg PJ, Gale N, Franchi A (2016). Pathology of the Head and Neck. 2nd ed. Springer Yayıncılık, e-book.														
	Resource 9	Özcan İ. (2023) Multidisipliner Prensiplerle Oral Diagnoz. İstanbul Mesikal Sağlık ve Yayıncılık Hiz. Tic. Ltd. Şti.														
	Resource 10	Odell EW (2017). Cawson's Essentials of Oral Pathology and Oral Medicine. 9th ed, Elsevier Inc., London.														
	Resource 11	Alpaslan C (2018). Evidence-Based Diagnostic and Treatment Approaches in Oral and Maxillofacial Surgery. Quintessence Publishing., İstanbul														
	Resource 12	Gaudin E, Seidel L, Bacevic M, Rompen E, Lambert F. Occurrence and risk indicators of medication-related osteonecrosis of the jaw after dental extraction: a systematic review and meta-analysis. Journal of Clinical Periodontology, 2015;42(10), 922–932.														
	Resource 13	Özcan İ (2020). Oral Radyoloji Akıl Notları. Güneş Tıp Kitabevleri, İstanbul														
	Resource 14	Milorio M, Ghali GE, Larsen PE, Waite P. (2022). Peterson's Principles of Oral and Maxillofacial Surgery. 4th edition. Springer Nature.														
	Resource 15	Shear M, Speight P. (2015). Cysts of the Oral and Maxillofacial Regions. 5th edition. John Wiley & Sons														
	Resource 16	Lecture Notes														
Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming				
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☑				
Committee Content	Department	Subject						Activities			Resource			Hour		
	Oral and Maxillofacial Surgery	Biopsy						ILS			15,16			1		
	Oral and Maxillofacial Radiology	White lesions of the oral mucosa						ILS			1,2,16			1		
	Pathology	Pathology of white lesions of the oral mucosa						ILS			3-5,16			2		
	Oral and Maxillofacial Radiology	Red lesions of the oral mucosa						ILS			1,2,16			2		
	Pathology	Pathology of red–blue lesions of the oral mucosa						ILS			3-5,16			1		
	Oral and Maxillofacial Radiology	Vesiculobullous lesions of the oral mucosa						ILS			7,8,16			2		
	Pathology	Pathology of vesiculobullous diseases of the oral mucosa						ILS			3-5,16			1		
	Oral and Maxillofacial Radiology	Ulcerative lesions of the oral mucosa						ILS			7-9,16			1		
	Pathology	Pathology of ulcerative lesions of the oral mucosa						ILS			3-5,16			2		
	Oral and Maxillofacial Radiology	Pigmented lesions of the oral mucosa						ILS			1,2,16			1		
	Pathology	Pathology of pigmented lesions of the oral mucosa						ILS			3-5,16			2		
	Oral and Maxillofacial Surgery	Treatment of oral mucosal lesions						ILS			10,11,16			1		
	Oral and Maxillofacial Radiology	Three-dimensional imaging methods for lesions of the jaws						ILS			6,13,16			1		
	Pathology	Odontogenic cysts						ILS			6,16			1		
	Pathology	Non-odontogenic cysts and pseudocysts						ILS			6,16			1		
	Pathology	Pathology of cystic lesions developing in the jaw and neck						ILS			3-5,16			2		
	Oral and Maxillofacial Surgery	Cysts and their treatments						ILS			14,16			2		
	Oral and Maxillofacial Radiology	Benign odontogenic and non-odontogenic tumors						ILS			6,16			2		
	Pathology	Pathology of odontogenic tumors						ILS			3-5,16			1		
	Pathology	Pathology of non-odontogenic tumors of the jaw bones						ILS			3-5,16			1		
	Oral and Maxillofacial Radiology	Malignancies of the jaws						ILS			6,16			1		
	Pathology	Pathology of oral benign and malignant epithelial tumors						ILS			3-5,16			2		
	Oral and Maxillofacial Surgery	Treatment of odontogenic tumors						ILS			14,16			1		
	Oral and Maxillofacial Surgery	Osteomyelitis and osteonecrosis						ILS			6,16			1		
	Pathology	Pathology of pulpal, periapical, periodontal diseases, and osteomyelitis						ILS			3-5,16			1		
	Oral and Maxillofacial Surgery	Inflammatory diseases of the jaws, infections, osteomyelitis, and their treatments						ILS			12,16			1		
	Pathology	Pathology of connective tissue lesions in the oral cavity						ILS			3-5,16			1		
	Pathology	Pathology of lymphoid tumors in the oral cavity						ILS			3-5,16			1		
	Pathology	AIDS and oral pathologies						ILS			3-5,16			1		
Oral and Maxillofacial Radiology	Fibro-osseous lesions						ILS			6,16			1			
Oral and Maxillofacial Radiology	Metabolic bone diseases						ILS			6,16			1			

	Pathology	Pathology of genetic and metabolic diseases	ILS	3-5,16	1
		Pathology of bone and joint diseases and soft tissue tumors	ILS	3-5,16	2
	Oral and Maxillofacial Radiology	Clinical and radiographic evaluation	ILS	6,16	2
	Multidisciplinary	Committee exam		1-16	1
		Post-exam discussion session	RS	1-16	1
		Final theoretical exam		1-16	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	12		PY1, PY2, PY7
	2	Final theoretical exam	8		PY1, PY2, PY7

Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hours	45	45×1
Preparation for the theoretical course	45	45×0.5
Preparation for the committee exam	1	1×25
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1
Preparation for the final theoretical exam	1	1×9
Final theoretical exam	1	1×1
Total Workload		105.5
Estimated ECTS Credit		3.51
Approximate ECTS Credit		~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY															
COMMITTEE SYLLABUS															
Committee Code		Committee Name				Committee Status		Credit		ECTS					
DTC400 - BS		Biostatistics and Ethics				Compulsory		1		3					
Committee Language		Committee Type		Prerequisite		Year		Term		Attendance					
English		Face to face		DTC300 & DPC300		4		Academic year		70%					
Class Hours			Learning Sessions												
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)				Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)		
45	0	0	0				0			1			44		
Learning Outcomes of the Course	Upon completing this committee, students will be able to;														
	LO 1	Select appropriate basic statistical analyses.													
	LO 2	Analyze statistical tests and calculations.													
	LO 3	Define the concepts of deontology, ethics, and morality.													
	LO 4	Relate physician–patient relationships, empathy, and patient confidentiality to dental practice.													
	LO 5	List the ethical and legal rights and responsibilities of the dental profession, and make decisions regarding clinical practice by relating them to patient rights and informed consent while preserving the dignity of the profession.													
	LO 6	Follow national and international health organizations and their aims and objectives, and relate interactions with colleagues and other healthcare professionals to ethical principles.													
	LO 7	Define malpractice and explain its scope.													
LO 8	List ethical and scientific concepts in research and relate them to healthcare practices.														
The Relationship between Learning Outcomes and Program Competencies	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13		
	LO 1	1	1	1	1	1	1	1	1	1	5	1	1		
	LO 2	1	1	1	1	1	1	1	1	1	5	1	1		
	LO 3	1	1	1	1	5	1	1	1	4	1	1	1		
	LO 4	1	1	1	1	5	1	1	1	4	1	1	1		
	LO 5	1	1	1	1	5	1	1	1	4	1	1	1		
	LO 6	1	1	1	1	5	1	1	1	4	1	1	1		
	LO 7	1	1	1	1	5	1	1	1	3	4	1	1		
LO 8	1	1	1	1	5	1	1	1	1	5	1	1			
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good															
Committee Description	This committee provides an overview of basic biostatistics, professional ethics, and deontology for dental students. Students learn to plan and interpret basic statistical analyses of clinical and research data and to define ethical principles and responsibilities in dental practice.														
Committee Objectives	Objective 1	To explain basic statistical concepts and the difference between descriptive and inferential statistics													
	Objective 2	To develop the ability to select appropriate tables, graphs, and basic hypothesis tests for clinical and research data and to interpret their results													
	Objective 3	To define professional ethics, principles of medical ethics, and deontological rules in dentistry													
	Objective 4	To emphasize the importance of empathy, informed consent, privacy, and respect for patient rights in the dentist–patient relationship													
	Objective 5	To discuss appropriate ethical behaviours by distinguishing ethical issues that may arise in clinical practice, research, and publication processes.													
Textbook / Resources	Resource 1	Sümbüloğlu K & Sümbüloğlu V (2010). Biyoistatistik. Hatiboğlu Yayınevi, Ankara.													
	Resource 2	Özdamar K (2013). SPSS ile Biyoistatistik. Nisan Kitabevi, Eskişehir.													
	Resource 3	Alpar R (2014). Spor, Sağlık ve Eğitim Bilimlerinden Örneklerle Uygulamalı İstatistik ve Geçerlilik-Güvenirlilik. Detay Yayıncılık, Ankara.													
	Resource 4	FDI World Dental Federation (2007). Dental Ethics Manual, Ferney-Voltaire, France.													
	Resource 5	FDI World Dental Federation (2018). Dental Ethics Manual 2, Quintessence Publishing, London, UK.													
	Resource 6	Lecture Notes													
Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming			
	☑	☑	☑	☐	☐	☐	☑	☐	☐	☐	☐	☐	☐		
Committee Content	Biostatistics	Department				Subject				Activities		Resource		Hour	
						Introduction to Statistics and Biostatistics				ILS		1-3,6		2	
						Descriptive Statistics				ILS		1-3,6		2	
						Frequency Tables and Univariate Graphs				ILS		1-3,6		2	
						Contingency Tables, Bivariate and Multivariate Graphs				ILS		1-3,6		2	
						Probability Theory				ILS		1-3,6		2	
						Theoretical Probability Distributions				ILS		1-3,6		2	
						Sampling Methods				ILS		1-3,6		2	
						Introduction to Inferential Statistics				ILS		1-3,6		2	
						Introduction to Hypothesis Testing				ILS		1-3,6		2	
						Parametric and Nonparametric Tests				ILS		1-3,6		2	
						Hypothesis Testing for a Single Group				ILS		1-3,6		2	
						Hypothesis Testing for Two Groups (Quantitative Data)				ILS		1-3,6		2	
						Hypothesis Testing for Two Groups (Qualitative Data)				ILS		1-3,6		2	
						Hypothesis Testing for More Than Two Groups (Quantitative Data)				ILS		1-3,6		2	
						Hypothesis Testing for More Than Two Groups (Qualitative Data)				ILS		1-3,6		2	
	Ethics and Deontology					Concepts of Deontology, Ethics, and Morality				ILS		4-6		1	
						Physician–Patient Relationship and Empathy				ILS		4-6		1	
						Ethical Approaches/Theories and Principles of Medical Ethics				ILS		4-6		1	
						Professional Ethics, Physicians' Rights, Duties, and Responsibilities				ILS		4-6		1	
						Codes of Medical Professional Ethics and the Medical Deontology Regulation				ILS		4-6		1	
						World Medical Association Declarations, the Hippocratic Oath, and the Physician's Oath				ILS		4-6		1	
						Ethical Dilemmas				ILS		4-6		1	
						Patient Rights and Informed Consent				ILS		4-6		1	
						Malpractice (Medical Error)				ILS		4-6		1	
						Patient Confidentiality and Ethics				ILS		4-6		1	
						Ethical Approach to Patients with Infectious Diseases				ILS		4-6		1	
						Research and Publication Ethics				ILS		4-6		1	
						Animal Experimentation, Ethics, and Bioethics				ILS		4-6		1	
						Social Discrimination and Dentistry				ILS		4-6		1	
		Multidisciplinary					Committee exam						1-6		1
							Post-exam discussion session				RS		1-6		1
					Final theoretical exam						1-6		1		
Evaluation Criteria		Method			Contr. (%)		Resource		Relevant Qualifications						
	1	Committee exam			10.8		1-6		PC5, PC9, PC10, PC11						
	2	Final theoretical exam			7.2		1-6		PC5, PC9, PC10, PC11						

Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hours	44	44×1
Preparation for the theoretical course	44	44×0.5
Preparation for the committee exam	1	1×10
Committee exam	1	1×1
Discussion session after the committee exam	1	1×1
Preparation for the final theoretical exam	1	1×4
Final theoretical exam	1	1×1
Total Workload		83
Estimated ECTS Credit		2.76
Approximate ECTS Credit		~3

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

CLINICAL ROTATION SYLLABUS

Clinical Rotation Code	Clinical Rotation Name		Status	Credit	ECTS
DCR401	Oral and Maxillofacial Surgery		Compulsory	2	4
Language	Type of Clinical Rotation	Prerequisite	Year	Term / Year	Attendance
English	Face to face	DTC300 & DPC300	4	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Session (RS)	Instructor-Led Session (ILS)
0	0	60	0	60	0	0

Learning Outcomes of the Rotation	Upon completing this clinical rotation, students will be able to:													
	LO 1	Obtain a patient history and determine an appropriate treatment plan.												
	LO 2	Observe and perform maxillary and mandibular anesthesia techniques.												
	LO 3	Prepare the patient preoperatively for tooth extraction, distinguish the surgical instruments to be used, and perform the extraction.												
	LO 4	Explain post-extraction instructions to the patient.												
	LO 5	Observe advanced surgical procedures.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	4	4	4	1	4	4	1	1	4	4	1	1	1
	LO 2	4	2	4	4	4	3	1	4	2	3	1	1	1
	LO 3	4	5	4	4	4	4	1	4	3	4	1	1	1
	LO 4	4	4	2	1	1	1	1	1	4	1	1	1	1
	LO 5	4	4	4	4	1	1	1	1	2	2	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Rotation Description	This rotation introduces students to basic oral surgical procedures performed on real patients in a clinical setting. Students become familiar with surgical instruments and clinical workflow, and participate in patient assessment, examination, local anesthesia, simple tooth extraction, and postoperative care under instructor supervision.													
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Objectives of the Rotation	Objective 1	To develop basic skills related to patient assessment, history-taking, examination, and radiographic evaluation in the clinical setting												
	Objective 2	To provide a basic approach to evaluating surgical indications and formulating appropriate treatment plans												
	Objective 3	To develop basic clinical skills for simple tooth extraction procedures												
	Objective 4	To introduce the basic instruments and equipment used in surgical clinical practice												
	Objective 5	To provide opportunities to observe advanced surgical operations in the clinical setting.												

Textbook / Resources	Resource 1	Miloró M, Ghali GE, Larsen PE, Waite P (2022). Peterson's Principles of Oral and Maxillofacial Surgery. Springer, Cham, Switzerland.												
	Resource 2	Hupp JR, Ellis E, and Tucker MR (2019). Contemporary oral and maxillofacial surgery. 7th ed. Elsevier Inc., Philadelphia, PA.												
	Resource 3	Moore UJ (2011). Principles of oral and maxillofacial surgery. 6th ed. Wiley-Blackwell, West Sussex, UK.												
	Resource 4	Course Materials												

Teaching Methods	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☒	☐	☐	☐	☐	☒

Rotation Content	Department	Subject	Activities	Resource	Hour
	Oral and Maxillofacial Surgery	Introduction to the surgical clinic and orientation to surgical instruments	KRS	1-4	60
		Taking dental and medical history from the patient	KRS	1-4	
		Confirmation of diagnosis through clinical and radiographic examination	KRS	1-4	
		Determination of preoperative management approaches for the patient	KRS	1-4	
		Administration of anesthesia	KRS	1-4	
		Performance of simple tooth extraction and implementation of postoperative management	KRS	1-4	
		Providing postoperative care instructions to the patient	KRS	1-4	
		End-of-rotation examination		1-4	1
		Final examination		1-4	1

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Competencies
	1	End-of-rotation examination	50%	1-4
	2	Final examination	50%	1-4

Limitations of Using Artificial Intelligence	*** The clinical rotation does not involve the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Total rotation hour	20	20×3
Preparation for the rotation	20	20×1.5
Preparation for the end-of-rotation exam	1	1×20
End-of-rotation exam	1	1×1
Preparation for the final exam	1	1×15
Final exam	1	1×1
Total Workload		127
Estimated ECTS Credit		4.23
Approximate ECTS Credit		~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY														
CLINICAL ROTATION SYLLABUS														
Clinical Rotation Code		Clinical Rotation Name				Status		Credit		ECTS				
DCR402		Oral and Maxillofacial Radiology				Compulsory		2		4				
Language		Type of Clinical Rotation		Prerequisite		Year		Term / Year		Attendance				
English		Face to face		DTC300 & DPC300		4		Academic year		80%				
Class Hours			Learning Sessions											
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)			Knowledge Reinforcement Sessions (KRS)			Remedial Session (RS)			Instructor-Led Session (ILS)		
0	0	60	0			60			0			0		
Learning Outcomes of the Rotation	Upon completing this clinical rotation, students will be able to:													
	LO 1	Obtain the patient's dental and medical history.												
	LO 2	Select an appropriate examination method for the patient.												
	LO 3	Select the appropriate radiographic technique for the patient, including intraoral and panoramic radiography, and perform it under supervision.												
	LO 4	Relate the patient's radiographic findings to the clinical examination findings and develop an initial treatment plan.												
	LO 5	Distinguish the oral manifestations of systemic diseases and explain the appropriate dental approach.												
	LO 6	Explain the proposed treatment plan to the patient.												
The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	3	3	1	3	1	2	1	5	4	1	1	1
	LO 2	3	1	1	1	2	1	2	1	2	2	1	1	1
	LO 3	4	2	1	4	1	1	2	3	2	4	1	1	1
	LO 4	5	5	1	2	2	1	2	1	2	1	1	1	1
	LO 5	3	2	5	1	2	4	2	1	1	1	1	1	1
	LO 6	4	1	1	1	1	1	2	1	5	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														
Rotation Description	This rotation provides clinical experience in patient assessment, clinical examination, radiographic evaluation, diagnosis, and basic treatment planning. Students participate, under instructor supervision, in the selection of appropriate imaging techniques and the development of basic treatment plans by integrating clinical and radiographic findings.													
Objectives of the Rotation	Objective 1	To develop skills in taking patient history, performing extraoral and intraoral examinations, and selecting the appropriate radiographic technique												
	Objective 2	To teach the proper management of informed consent, radiographic imaging procedures, and radiation safety processes in the clinical setting												
	Objective 3	To develop competence in reaching a diagnosis by correlating clinical and radiographic findings and forming a preliminary diagnosis for common maxillary and mandibular lesions												
	Objective 4	To support students in formulating a basic treatment plan based on findings and explaining it to the patient												
Textbook / Resources	Resource 1	Mallya SM, Lam EWN (2019). White And Pharoah's Oral Radiology: Principles and Interpretation. 8th ed. Elsevier, Missouri												
	Resource 2	Glick M, Greenberg MS, Lockhart PB, Challacombe SJ (2021). Burket's Oral Medicine. 13th ed. Wiley Blackwell Yayıncılık, USA.												
	Resource 3	Özcan İ (2017). Dış Hekimliğinde Radyolojinin Esasları Konvansiyonelden-Dijitale. 1. baskı. İstanbul Medikal Sağlık ve Yayıncılık, İstanbul												
	Resource 4	Özcan İ (2022). Multidisipliner Prensiplerle Oral Diağnoz. 1. baskı, İstanbul Yayıncılık, İstanbul												
	Resource 5	Course Materials												
Teaching Methods	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming		
	☑	☑	☑	☑	☐	☑	☑	☐	☐	☐	☐	☑		
Rotation Content	Department	Subject						Activities		Resource		Hour		
	Oral and Maxillofacial Radiology	Preparation of the dental unit and reception of the patient						KRS		1-5		60		
		Listening to the patient's chief complaint, assessing systemic status, and obtaining medical and dental history						KRS		1-5				
		Performing extraoral and intraoral examinations and selecting the appropriate radiographic technique						KRS		1-5				
		Obtaining radiographs in the radiology clinic after receiving informed consent from the patient						KRS		1-5				
		Establishing diagnoses based on combined clinical examination and radiographic findings						KRS		1-5				
		Preparing the treatment plan, determining the sequence of procedures, and explaining them to the patient in an appropriate manner						KRS		1-5				
		Diagnosing commonly encountered radiopaque and radiolucent lesions of the jaws						KRS		1-5				
		End-of-rotation examination								1-5		1		
Final examination								1-5		1				
Evaluation Criteria		Method			Contr. (%)		Resource		Relevant Competencies					
	1	Panoramic radiograph acquisition			5%		1-5		PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9, PC10					
	2	Periapical radiograph acquisition			5%		1-5		PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9, PC10					
	3	Submission of a case report			10%		1-5		PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9, PC10					
	4	End-of-rotation examination			30%		1-5		PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9, PC10					
	5	Final examination			50%		1-5		PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9, PC10					
Limitations of Using Artificial Intelligence	*** The clinical rotation does not involve the use of AI-based tools.													
Workload and ECTS Calculation														
Educational Tool										Quantity	Student Workload (Hours)			
Total rotation hour										20	20x3			
Preparation for the rotation										20	20x1.5			
Preparation for the end-of-rotation exam										1	1x20			
End-of-rotation exam										1	1x1			
Case report preparation										1	1x5			
Preparation for the final exam										1	1x10			
Final exam										1	1x1			
Total Workload										127				
Estimated ECTS Credit										4.23				
Approximate ECTS Credit										~4				

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

CLINICAL ROTATION SYLLABUS

Clinical Rotation Code	Clinical Rotation Name		Status	Credit	ECTS
DCR403	Endodontics		Compulsory	2	4
Language	Type of Clinical Rotation	Prerequisite	Year	Term / Year	Attendance
English	Face to face	DTC300 & DPC300	4	Academic year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Session (RS)	Instructor-Led Session (ILS)
0	0	60	0	60	0	0

Learning Outcomes of the Rotation	Upon completing this clinical rotation, students will be able to:													
	LO 1	Obtain the patient's medical and dental history, perform clinical and radiographic examinations, establish an accurate endodontic diagnosis, and develop a treatment plan.												
	LO 2	Perform imaging procedures and local anesthesia applications for endodontic purposes.												
	LO 3	Apply a rubber dam to the patient.												
	LO 4	Perform direct and indirect pulp-capping treatments.												
	LO 5	Perform root canal treatment on single-rooted teeth under supervision and provide the patient with post-treatment instructions.												

The Relationship Between Learning Outcomes and Program Competencies	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13	
	LO 1	5	5	1	4	1	1	4	3	5	5	1	1	1
	LO 2	4	3	1	3	4	1	1	3	3	4	1	1	1
	LO 3	3	2	1	4	1	1	1	4	2	3	1	1	1
	LO 4	5	3	1	4	1	4	3	4	2	3	1	1	1
	LO 5	5	4	2	4	4	4	3	4	2	3	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Rotation Description	This rotation provides students with clinical experience in the diagnosis, basic endodontic treatment, and post-treatment patient information processes for patients presenting with endodontic complaints.
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Objectives of the Rotation	Objective 1	To teach the processes of history-taking, clinical-radiographic examination, and diagnostic testing in patients presenting with endodontic complaints in the clinical setting
	Objective 2	To develop the ability to establish pulpal and periapical diagnoses, determine the appropriate endodontic treatment approach, and explain it to the patient
	Objective 3	To develop basic clinical skills in working in accordance with the principles of local anesthesia, rubber dam isolation, and asepsis
	Objective 4	To ensure the supervised application of pulp capping procedures and root canal treatment in single-rooted teeth
	Objective 5	To teach the management of post-treatment care, follow-up, possible complications, procedural records, and clinical monitoring processes.

Textbook / Resources	Objective 1	Chong BS, Özçelik B (2019). Harty Klinik Uygulamada Endodonti. 7. baskı. Elsevier-Güneş Tıp Kitabevi, Ankara.
	Objective 2	AAE Endodontics Colleagues Endodontic Diagnosis (www.aae.org/colleagues)
	Objective 3	Torabinajad M, Fouad AF, Shabahang S (2021). Endodontics Principles and Practise. 6th ed., Elsevier.
	Objective 4	Course Materials

Teaching Methods	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☒	☐	☐	☐	☐	☒

Rotation Content	Department	Subject	Activities	Resource	Hour
	Endodontics	Taking the medical and dental history of patients presenting with endodontic complaints	KRS	1-4	60
		Applying appropriate clinical and radiographic examination methods and diagnostic tests from an endodontic perspective	KRS	1-4	
		Evaluating the data obtained from history taking and examination to establish an accurate diagnosis	KRS	1-4	
		Determining and explaining the endodontic treatment approach to the patient	KRS	1-4	
		Administration of local anesthesia in endodontic treatment	KRS	1-4	
		Placement of a rubber dam and establishment of proper isolation	KRS	1-4	
		Performing direct and indirect pulp capping procedures	KRS	1-4	
		Performing root canal treatment in single-rooted teeth under supervision	KRS	1-4	
		Providing the patient with necessary information after treatment	KRS	1-4	
		Final examination		1-4	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Competencies
	1	Case treatment	40%	1-4	PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9, PC10
	2	Observation	10%	1-4	PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9, PC10
	3	Final examination	50%	1-4	PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9, PC10

Limitations of Using Artificial Intelligence	*** The clinical rotation does not involve the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Total rotation hour	20	20×3
Preparation for the rotation	20	20×1.5
Preparation for the end-of-rotation exam	1	1×20
End-of-rotation exam	1	1×1
Preparation for the final exam	1	1×10
Final exam	1	1×1
Total Workload		122
Estimated ECTS Credit		4.06
Approximate ECTS Credit		~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

CLINICAL ROTATION SYLLABUS

Clinical Rotation Code	Clinical Rotation Name		Status	Credit	ECTS
DCR404	Orthodontics		Compulsory	1	2
Language	Type of Clinical Rotation	Prerequisite	Year	Term / Year	Attendance
English	Face to face	DTC300 & DPC300	4	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Session (RS)	Instructor-Led Session (ILS)
-	-	30	0	60	0	0

Learning Outcomes of the Rotation	Upon completing this clinical rotation, students will be able to:				
	LO 1	Explain the ideal relationship between the maxillary and mandibular teeth.			
	LO 2	Identify the materials and instruments used in the clinic and prepare an orthodontic model.			
	LO 3	Plan and perform the treatment of cases suitable for simple removable appliances.			
	LO 4	Replace archwires, elastics, and ligatures under supervision during follow-up appointments.			
	LO 5	Distinguish different treatment approaches according to the type of orthodontic malocclusion.			

The Relationship Between Learning Outcomes and Program Competencies	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	4	3	1	1	1	1	1	2	1	1	1	1
	LO 2	2	1	1	5	1	1	1	2	1	1	1	1
	LO 3	4	3	1	4	1	1	1	3	4	1	1	1
	LO 4	3	3	1	3	2	1	2	2	2	1	1	1
	LO 5	3	3	1	1	1	1	1	2	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good													

Rotation Description	This rotation enables students to observe the examination, diagnosis, treatment planning, and treatment processes of patients requiring orthodontic treatment in the clinical setting, and to participate in limited and basic clinical procedures under instructor supervision.
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Objectives of the Rotation	Objective 1	To teach the approach to patients requiring orthodontic treatment, systematic history-taking, and clinical examination processes in the clinical setting
	Objective 2	To develop the ability to evaluate and interpret clinical and radiographic findings from an orthodontic perspective at a basic level
	Objective 3	To ensure participation in the treatment planning process for simple orthodontic cases under instructor supervision
	Objective 4	To introduce the basic clinical steps followed in bracket placement, routine follow-up appointments, and orthodontic appliance applications
	Objective 5	To develop the ability to provide patients with basic information on the use of fixed and removable orthodontic appliances.

Textbook / Resources	Resource 1	Ülgen M (2015). Orthodontics: Anomalies, Cephalometrics, Etiology, Growth and Development, Diagnosis. 5th ed. Yurtmim Publishing.
	Resource 2	Proffit W, Fields H (2018). Contemporary Orthodontics. 6th ed. Elsevier Publishing.
	Resource 3	Course materials.

Teaching Methods	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☒	☐	☐	☐	☐	☒

Rotation Content	Department	Subject	Activities	Resource	Hour
	Orthodontics	Performing the orthodontic examination of the patient	RS	1-3	30
		Discussion of the patient's clinical and radiographic findings from an orthodontic perspective	RS	1-3	
		Evaluation of the patient after history taking and examination	RS	1-3	
		Treatment planning for the patient	RS	1-3	
		Teaching the steps to be followed during the bonding appointment	RS	1-3	
		Performing routine orthodontic follow-up appointments	RS	1-3	
		Orthodontic appliances and their application to the patient	RS	1-3	
		End-of-rotation examination		1-3	1
		Final examination		1-3	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Competencies
	1	End-of-rotation examination	50%	1-3	PC1, PC2, PC4, PC5, PC8, PC9, PC10
	2	Final examination	50%	1-3	PC1, PC2, PC4, PC5, PC8, PC9, PC10

Limitations of Using Artificial Intelligence	*** The clinical rotation does not involve the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Total rotation hour	10	10×3
Preparation for the rotation	10	10×1.5
Preparation for the end-of-rotation exam	1	1×12
End-of-rotation exam	1	1×1
Preparation for the final exam	1	1×10
Final exam	1	1
Total Workload		69
Estimated ECTS Credit		2.3
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
CLINICAL ROTATION SYLLABUS

Clinical Rotation Code	Clinical Rotation Name		Status	Credit	ECTS
DCR405	Pedodontics		Compulsory	2	4
Language	Type of Clinical Rotation	Prerequisite	Year	Term / Year	Attendance
English	Face to face	DTC300 & DPC300	4	Academic year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Session (RS)	Instructor-Led Session (ILS)
0	0	60	0	60	0	0

Learning Outcomes of the Rotation	Upon completing this clinical rotation, students will be able to:													
	LO 1	Evaluate intraoral and radiographic findings in pediatric patients and develop a preventive and restorative treatment plan.												
	LO 2	Explain how preventive treatment plans differ according to age group and caries risk in pediatric patients.												
	LO 3	Explain how restorative treatments differ according to age group in pediatric patients.												
	LO 4	Provide parents of pediatric patients with information about their child's overall oral health and toothbrushing instruction.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	5	5	2	1	2	1	5	1	2	2	1	1	1
	LO 2	3	4	1	1	2	1	5	1	2	1	1	1	1
	LO 3	2	2	1	3	2	1	1	1	2	1	1	1	1
	LO 4	2	1	1	1	2	1	5	1	5	4	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Rotation Description	This rotation provides supervised clinical experience in pediatric dentistry. Students participate in the assessment of pediatric patients, including history-taking, clinical and radiographic examination, caries risk assessment, preventive dentistry procedures, and simple restorative treatments under clinical supervision.													
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Objectives of the Rotation	Objective 1	To teach the approach to pediatric patients in the clinical setting, history-taking from parents, examination, and radiographic evaluation processes												
	Objective 2	To develop the ability to assess caries risk and formulate an appropriate treatment plan based on clinical and radiographic findings												
	Objective 3	To provide basic clinical skills for preventive dentistry practices in pediatric patients												
	Objective 4	To ensure the supervised application of local anesthesia and simple restorative procedures when necessary												
	Objective 5	To develop the ability to provide oral and dental health education to pediatric patients and parents, including proper toothbrushing and post-treatment care												

Textbook / Resources	Resource 1	Dean J (2021). McDonald and Avery's Dentistry for the Child and Adolescent. 11th Edition. Elsevier, Amsterdam.												
	Resource 2	Nowak A (2018). Pediatric Dentistry Infancy Through Adolescence. 6th Edition. Elsevier, Amsterdam.												
	Resource 3	Coelho-Leal S, Takeshita EM (2019). Pediatric Restorative Dentistry. Springer, Switzerland.												
	Resource 4	Lecture notes												

Teaching Methods	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☒	☐	☐	☐	☐	☒

Clinical Rotation Content	Pedodontics	Department	Subject	Activities	Resource	Hour
			Preoperative preparations and welcoming the patient/parent.	KRS	1-4	60
			Establishing effective communication with child patients and their parents.	KRS	1-4	
			Obtaining the patient's dental and medical history.	KRS	1-4	
			Performing extraoral and intraoral examination of the patient and determining the appropriate	KRS	1-4	
			Diagnosis and caries risk assessment through clinical and radiographic evaluation.	KRS	1-4	
			Developing a treatment plan for the patient, determining treatment priorities and the sequence of	KRS	1-4	
			The patient is given protective treatments such as fluoride and fissure sealants.	KRS	1-4	
			The patient will undergo local anesthesia under supervision, and restorative procedures will be	KRS	1-4	
			Explaining to the patient and their parents what needs to be done to protect oral and dental	KRS	1-4	
			Providing age-appropriate brushing instruction to the child patient and their parent.	KRS	1-4	
			The necessary procedures to be explained to the patient or their parent after the treatment.	KRS	1-4	
			End-of-rotation examination		1-4	1
			Final examination		1-4	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Competencies
	1	End-of-rotation examination	50%	1-4	PC1, PC2, PC3, PC4, PC5, PC7, PC9, PC10
	2	Final examination	50%	1-4	PC1, PC2, PC3, PC4, PC5, PC7, PC9, PC10

Limitations of Using Artificial Intelligence	*** The clinical rotation does not involve the use of AI-based tools.													
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Workload and ECTS Calculation				
Educational Tool	Quantity	Student Workload (Hours)		
Total rotation hour	20	20×3		
Preparation for the rotation	20	20×1.5		
Preparation for the end-of-rotation exam	1	1×20		
End-of-rotation exam	1	1×1		
Preparation for the final exam	1	1×10		
Final exam	1	1×1		
		Total Workload	122	
		Estimated ECTS Credit	4.06	
		Approximate ECTS Credit	~4	

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

CLINICAL ROTATION SYLLABUS

Clinical Rotation Code	Clinical Rotation Name		Status	Credit	ECTS
DCR406	Periodontology		Compulsory	1	2
Language	Type of Clinical Rotation	Prerequisite	Year	Term / Year	Attendance
English	Face to face	DTC300 & DPC300	4	Academic year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Session (RS)	Instructor-Led Session (ILS)
0	0	30	0	60	0	0

Learning Outcomes of the Rotation	Upon completing this clinical rotation, students will be able to:													
	LO 1	Distinguish periodontal health from disease and differentiate age-related changes in the periodontium of children and older adults.												
	LO 2	Diagnose periodontal diseases, distinguish gingivitis from periodontitis, classify periodontal diseases, and develop an appropriate treatment plan.												
	LO 3	Perform Phase I periodontal therapy and inform the patient about the need for advanced periodontal treatment and available treatment options.												
	LO 4	Perform scaling and polishing and scaling and root planing (SRP), and instruct patients in oral hygiene, toothbrushing, and interdental cleaning.												
	LO 5	Clinically identify predisposing factors associated with periodontal diseases and refer the patient to the appropriate clinic.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	5	5	3	3	2	1	5	1	2	1	1	1	1
	LO 2	4	4	3	3	2	1	4	1	2	1	1	1	1
	LO 3	5	5	1	3	4	1	4	4	4	4	1	1	1
	LO 4	4	4	1	5	4	1	5	4	4	4	1	1	1
	LO 5	5	5	1	5	2	3	5	2	5	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Rotation Description	This rotation provides clinical experience in the evaluation and initial management of periodontal diseases. Students participate in clinical and radiographic assessment, Phase I periodontal treatment procedures, and oral hygiene instruction under clinical supervision.													
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Objectives of the Rotation	Objective 1	To teach clinical-radiographic evaluation, diagnosis, and classification processes in patients with suspected periodontal disease in the clinical setting												
	Objective 2	To develop the ability to identify patient-specific risk factors and modifiable factors in periodontal treatment planning												
	Objective 3	To provide basic clinical skills for performing Phase I periodontal treatment procedures, including scaling and root surface debridement, under supervision												
	Objective 4	To develop the ability to provide clear information to patients about their clinical condition and prognosis during the treatment process												
	Objective 5	To develop the ability to demonstrate effective oral hygiene methods on a model and/or patient following periodontal treatment procedures.												

Textbook / Resources	Resource 1	Newman M, Klokkevold P, Carranza F et al (2023). Clinical Periodontology And Implant Dentistry, 14th Ed.Elsevier												
	Resource 2	Çağlayan G. (2018). Periodontoloji ve İmplantoloji, Quintessence Yayınları, Türkiye.												
	Resource 3	Lindhe J, Lang NP (2015). Clinical periodontology and implant dentistry, 8th ed, WB Saunders Company.												
	Resource 4	Lecture notes												

Teaching Methods	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☒	☐	☐	☐	☐	☒

Rotation Content	Department Periodontology	Subject	Activities	Resource	Hour
		Diagnosis, classification, periodontal treatment planning, and determination of prognosis for periodontal diseases	KRS	1-4	30
		Identification of modifying and risk factors associated with periodontal diseases and conditions	KRS	1-4	
		Informing the patient about their clinical condition	KRS	1-4	
		Performance of Phase I periodontal therapy in the treatment of periodontal diseases, and observation of patient response	KRS	1-4	
		Demonstration of oral hygiene practices on a model following tooth surface cleaning and polishing	KRS	1-4	
		End-of-rotation examination		1-4	1
		Final examination		1-4	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Competencies
	1	End-of-rotation examination	50%	1-4	PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9, PC10
	2	Final examination	50%	1-4	PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9, PC10

Limitations of Using Artificial Intelligence	*** The clinical rotation does not involve the use of AI-based tools.													
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Total rotation hour	10	10×3
Preparation for the rotation	10	10×1.5
Preparation for the end-of-rotation exam	1	1×10
End-of-rotation exam	1	1×1
Preparation for the final exam	1	1×10
Final exam	1	1×1
Total Workload		67
Estimated ECTS Credit		2.23
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
CLINICAL ROTATION SYLLABUS

Clinical Rotation Code	Clinical Rotation Name		Status	Credit	ECTS
DCR407	Prosthodontics		Compulsory	2	4
Language	Type of Clinical Rotation	Prerequisite	Year	Term / Year	Attendance
English	Face to face	DTC300 & DPC300	4	Academic year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Session (RS)	Instructor-Led Session (ILS)
0	0	60	0	60	0	0

Learning Outcomes of the Rotation	Upon completing this clinical rotation, students will be able to:													
	LO 1	Evaluate patients presenting with problems related to mastication, phonation, or aesthetics.												
	LO 2	Determine and perform the appropriate prosthetic treatment after obtaining informed consent.												
	LO 3	Select the appropriate restorative material for fixed prosthetic restorations and inform the patient.												
	LO 4	Select an appropriate impression material and take an impression from the patient.												
	LO 5	Select an appropriate luting agent and perform cementation.												
	LO 6	Communicate effectively with the dental laboratory.												
	LO 7	Document the stages of the prosthetic treatment performed.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	5	4	4	1	3	4	1	2	1	2	1	1	1
	LO 2	5	4	4	4	4	4	1	1	4	1	1	1	1
	LO 3	5	4	4	2	2	4	1	1	4	1	1	1	1
	LO 4	4	2	1	4	3	4	1	3	3	4	1	1	1
	LO 5	5	1	1	5	4	4	1	1	1	1	1	1	1
	LO 6	1	1	1	1	1	1	1	3	4	4	1	1	1
	LO 7	2	2	1	4	1	2	2	2	5	5	1	1	1

Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good

Rotation Description	This rotation provides clinical practice in examination, prosthetic treatment planning, and the management of basic clinical-laboratory processes in patients requiring fixed and removable prostheses.
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Objectives of the Rotation	Objective 1	To teach the processes of history-taking, clinical-radiographic examination, and determining treatment needs in patients requiring prosthetic treatment in the clinical setting
	Objective 2	To develop the ability to formulate an appropriate prosthetic treatment plan according to fixed, partial, and complete prosthesis needs and explain this plan to the patient
	Objective 3	To provide clinical skills for performing the basic clinical stages of fixed and removable prostheses under supervision
	Objective 4	To introduce the processes of selecting appropriate materials for provisional and advanced prosthetic restorations and monitoring and evaluating laboratory stages
	Objective 5	To develop the ability to follow the prosthetic treatment process and record the treatment protocol as a written case report.

Textbook / Resources	Resource 1	Ulusoy M, Aydın AK (2010). Dış Hekimliğinde Hareketli Bölümlü Protezler. 1. ve 2. cilt. 3. baskı. Ankara Üniversitesi Basımevi, Ankara.
	Resource 2	Çalıklıoğlu S (2013). Dışsız Hastaların Protetik Tedavisi Klasik Tam Protezler. 6. baskı. Quintessence Yayıncılık, İstanbul
	Resource 3	Shillingburg HT, Sather DA, Wilson EL, Cain JR, Mitchell DL, Blanco LJ, Kessler JC (2012). Fundamentals of fixed prosthodontics. 4th ed. Quintessence Pub.
	Resource 4	Gray R, Al-Ani Z (2021). Temporomandibular Disorders : A Problem-Based Approach. 2nd ed. Wiley-Blackwell
	Resource 5	Okeson JF (2019). Management of Temporomandibular Disorders and Occlusion. 8th ed. Mosby
	Resource 6	Lecture notes

Teaching Methods	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☒	☐	☐	☐	☐	☒

Rotation Content	Department	Subject				Activities	Resource	Hour
	Prosthodontics	Preparation of the dental unit and completion of preoperative preparations				KRS	1-6	60
		Obtaining patient history and performing clinical and radiographic evaluation				KRS	1-6	
		Determination and explanation of the prosthetic treatment approach to the patient				KRS	1-6	
		Classification and planning of fixed prostheses				KRS	1-6	
		Selection of materials for fixed prosthetic restorations and informing the patient				KRS	1-6	
		Application of the clinical stages of fixed prosthetic restorations and patient follow-up				KRS	1-6	
		Application of the clinical and laboratory stages of provisional restorations				KRS	1-6	
		Examination of the completely edentulous patient and treatment planning				KRS	1-6	
		Application of the clinical stages of complete dentures and patient follow-up				KRS	1-6	
		Planning of removable partial dentures				KRS	1-6	
		Application of the clinical stages of removable partial dentures and patient follow-up				KRS	1-6	
		Observation of advanced prosthetic treatment procedures				KRS	1-6	
		Monitoring of laboratory procedures				KRS	1-6	
		Documentation of prosthetic treatment protocols as reports and preparation of case observation reports				KRS	1-6	
		End-of-rotation examination					1-6	1
		Final examination					1-6	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Competencies
	1	End-of-rotation examination	50%	1-6	PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9, PC10
	2	Final examination	50%	1-6	PC1, PC2, PC3, PC4, PC5, PC6, PC7, PC8, PC9, PC10

Limitations of Using Artificial Intelligence	*** The clinical rotation does not involve the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Total rotation hour	20	20×3
Preparation for the rotation	20	20×1.5
Preparation for the end-of-rotation exam	1	1×20
End-of-rotation exam	1	1×1
Preparation for the final exam	1	1×15
Final exam	1	1×1
Total Workload		127
Estimated ECTS Credit		4.23
Approximate ECTS Credit		~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

CLINICAL ROTATION SYLLABUS

Clinical Rotation Code	Clinical Rotation Name		Status	Credit	ECTS
DCR408	Restorative Dentistry		Compulsory	2	4
Language	Type of Clinical Rotation	Prerequisite	Year	Term / Year	Attendance
English	Face to face	DTC300 & DPC300	4	Academic year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Session (RS)	Instructor-Led Session (ILS)
0	0	60	0	60	0	0

Learning Outcomes of the Rotation	Upon completing this clinical rotation, students will be able to:					
	LO 1	Obtain the patient's medical and dental history, perform clinical and radiographic examinations, establish an accurate restorative diagnosis, and develop a treatment plan.				
	LO 2	Perform imaging procedures and local anesthesia applications for restorative purposes.				
	LO 3	Select appropriate materials for the restoration.				
	LO 4	Apply matrices and wedges in Class II and Class III cavities.				
	LO 5	Perform the stages of Class IV aesthetic restorations.				
	LO 6	Perform the finishing and polishing procedures of restorations.				

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	5	5	2	1	2	1	2	1	5	5	1	1	1
	LO 2	3	5	4	2	4	1	2	4	4	4	1	1	1
	LO 3	5	4	2	2	2	1	2	1	1	1	1	1	1
	LO 4	3	4	2	1	4	1	1	2	3	4	1	1	1
	LO 5	4	3	2	1	4	1	1	2	3	4	1	1	1
	LO 6	5	5	2	2	4	1	1	2	3	4	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														

Rotation Description	This rotation introduces students to the clinical workflow of restorative dentistry, from patient assessment and diagnosis to treatment planning, cavity preparation, material selection, and the placement, finishing, and polishing of restorations under clinical supervision.
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Objectives of the Rotation	Objective 1	To teach the processes of history-taking, clinical-radiographic examination, and the evaluation of caries and loss of dental hard tissue in patients requiring restorative treatment in the clinical setting
	Objective 2	To develop the ability to formulate a restorative treatment plan based on clinical and radiographic findings and explain this plan to the patient
	Objective 3	To provide clinical skills for performing cavity preparation required for restoration in accordance with biological and mechanical principles
	Objective 4	To guide students in selecting restorative materials appropriate to the clinical situation and performing the steps of direct restoration under supervision
	Objective 5	To develop the ability to perform local anesthesia, safe amalgam removal, restoration finishing, and polishing procedures in accordance with clinical protocols when necessary.

Textbook / Resources	Resource 1	Ritter AV, Boushell LW, Walter R (2016). Sturdevant's Art and Science of Operative Dentistry. 7th ed. Elsevier Health Sciences.
	Resource 2	Terry DA, Geller W (2018). Esthetic and Restorative Dentistry: Material Selection and Technique 3rd ed. Quintessence Publishing
	Resource 3	Ricketts D, Bartlett D (2013). Advanced Operative Dentistry: A Practical Approach, 1st ed. Churchill Livingstone Elsevier
	Resource 4	Chu SJ, Devigus A, Paravina R, Mielezsko A (2011). Fundamentals of Color: Shade Matching and Communication in Esthetic Dentistry. 2nd ed. Quintessence Publishing
	Resource 5	Greenwall L, Freedman GA (2001). Bleaching Techniques in Restorative Dentistry: An Illustrated Guide. 1st ed. Thieme Medical Pub
	Resource 6	Torres CRG (2020). Modern Operative Dentistry: Principles for Clinical Practice. 1st ed. Springer
	Resource 7	Lecture notes

Teaching Methods	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☒	☐	☐	☐	☐	☒

Clinical Rotation Content	Department	Subject	Activities	Resource	Hour	
	Restorative Dentistry	Preparation of the dental unit for restorative procedures	KRS	1-7	60	
		Obtaining patient history and performing restorative-focused clinical examination	KRS	1-7		
		Diagnosis of lost dental tissues and preparation of a treatment plan for their restoration	KRS	1-7		
		Obtaining informed consent from the patient and administration of local anesthesia	KRS	1-7		
		Application of the safe amalgam removal protocol	KRS	1-7		
		Preparation of the cavity required for the restoration of lost dental tissues	KRS	1-7		
		Selection of appropriate restorative materials	KRS	1-7		
		Application of matrix and wedge systems in proximal cavities	KRS	1-7		
		Restoration of cavities with appropriate materials and finishing and polishing procedures	KRS	1-7		
		End-of-rotation examination		1-7		1
		Final examination		1-7		1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Competencies
	1	End-of-rotation examination	50%	1-7	PC1, PC2, PC3, PC4, PC5, PC7, PC8, PC9, PC10
	2	Final examination	50%	1-7	PC1, PC2, PC3, PC4, PC5, PC7, PC8, PC9, PC10

Limitations of Using Artificial Intelligence	*** The clinical rotation does not involve the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool		Quantity
Total rotation hour		20
Preparation for the rotation		20
Preparation for the end-of-rotation exam		1
End-of-rotation exam		1
Preparation for the final exam		1
Final exam		1
Total Workload		122
Estimated ECTS Credit		4.06
Approximate ECTS Credit		~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COURSE OUTLINE

Course Code	Course Name		Course Status	Credits	ECTS
EBD400	Evidence-Based Dentistry		Compulsory	2	4
Course Language	Course Type	Prerequisite	Year	Term	Attendance
English	Flipped Learning	-	4	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
5	0	37	0	37	0	5

Learning Outcomes of the Course	Upon completing this course, students will be able to;													
	LO 1	Define the fundamental concepts of evidence-based dentistry and explain these concepts using clinical examples.												
	LO 2	Formulate an appropriate PICO question to search for evidence related to clinical problems.												
	LO 3	Conduct a literature search at the appropriate level of evidence using a research question formulated in PICO format.												
	LO 4	Classify scientific research methods, distinguish types of evidence, and select the appropriate evidence for clinical decision-making.												
	LO 5	Critically evaluate systematic reviews and research findings, question their validity in the clinical context, and draw conclusions.												
	LO 6	Develop an appropriate evidence-based treatment plan for the patient in multidisciplinary clinical scenarios and justify the decision-making process.												
	LO 7	Evaluate peers' work according to specified criteria.												

The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	1	1	1	1	1	3	1	5	1	1
	LO 2	2	1	1	1	1	2	4	1	1	1	5	1	1
	LO 3	2	1	1	1	1	2	1	1	1	1	5	1	1
	LO 4	2	1	1	1	1	2	1	1	1	1	5	1	1
	LO 5	2	2	3	1	1	3	3	1	2	2	5	1	1
	LO 6	2	1	3	1	1	3	1	1	1	1	1	3	1
	LO 7	1	1	1	1	1	1	1	1	3	1	5	2	1

Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good

Course Description	This course introduces the core principles and practical steps of evidence-based dentistry. Students learn how to formulate clinical research questions using the PICO format, conduct literature searches, distinguish levels of evidence, and critically appraise scientific studies. By connecting research findings with clinical scenarios, the course supports the development of evidence-based decision-making and treatment planning skills.
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Course Objectives	Objective 1	To teach the fundamental principles of evidence-based dentistry and their use in clinical practice
	Objective 2	To develop the ability to systematically evaluate scientific evidence related to clinical cases
	Objective 3	To develop clinical decision-making and treatment planning processes based on scientific evidence
	Objective 4	To support students' responsibility for pre-class preparation through the flipped learning model and allocate in-class time to in-depth learning
	Objective 5	To promote critical thinking and active learning through interactive discussions, problem-solving, collaborative activities, and simulations
	Objective 6	To enhance students' participation, motivation, and retention of learning outcomes through gamification elements.

Textbook / Resources	Resource 1	Felton DA. Conducting a search of a literature. Dental Clinics of North America. 2002;46(1):45-50.
	Resource 2	Rosen E, Nemcovsky CE, Tsesis I. (2017). Evidence-Based Decision Making in Dentistry: Multidisciplinary Management of the Natural Dentition. 1st ed. Springer Nature, Switzerland.
	Resource 3	Khurshid Z, Tariq R, Asiri FY, Abid K, Zafar MS. Literature search strategies in dental education and research. Journal of Taibah University Medical Sciences, 2021;16(6):799-806.
	Resource 4	Carrasco-Labra A, Brignardello-Petersen R, Glick M, Guyatt GH, Azarpazhooh A. A practical approach to evidence-based dentistry: VI How to use a systematic review. J Am Dent Assoc. 2015;Apr;146(4):255-65. e1.
	Resource 5	Carr B. Systematic Reviews of the Literature: The Overview and Meta-analysis. Dental Clinics of North America. 2002;46(1):79-86.
	Resource 6	Lecture Notes

Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☐	☐	☒	☐	☒	☒	☒	☒	☒

Course Content	Department	Subject	Pre-Class Activity	In-Class Activity	Post-Class Activity
	Multidisciplinary	Introduction to the Flipped Learning philosophy and evidence-based dentistry	-	1	-
		Principles of evidence-based decision-making	1/2	1	-
		Literature search strategies in dentistry: What is a PICO question?	1/2	1	Formulating a PICO question and identifying keywords 4
		Literature search strategies in dentistry: Evidence searching and databases	1/2	1	Investigating the PICO question and appraising the evidence 8
		Literature search strategies in dentistry: Search results and evidence presentation	-	Oral Presentation 3	-
		Systematic reviews in the literature I	1/2	Review of Systematic Reviews (gamification element) 1	Systematic Review Appraisal 4
		Systematic reviews in the literature II	-	Oral Presentation 2	-
		Applying evidence-based dentistry in patient care	1/2	Group Discussion 1	-
		Evidence-based decision-making in periodontal tooth prognosis and preservation of the natural dentition	1/2	Intergroup Case Discussion 1	-
		Evidence-based decision-making in the restoration of natural teeth	1/2	Interactive online quiz (gamification element) 1	Reporting Evidence-Based Data from a Prosthodontic Perspective 4
		Case selection for the use of cone-beam computed tomography in dentistry based on diagnostic effectiveness	1/2	1	Determining the diagnostic efficacy levels of CBCT 4
		Emerging strategies for periodontal and alveolar bone regeneration	1/2	Group Discussion 2	-
		Evidence-based decision-making in dentistry: An endodontic perspective	1/2	Group Discussion 1	-

	Method	Contr. (%)	Resource	Relevant Qualifications
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Evaluation Criteria	1	Principles of Evidence-Based Decision-Making	4%	1-6	PC1, PYC2, PC3, PC6, PC7, PC9, PC11, PC12
	2	Critical Appraisal of a Systematic Review Assignment	8%	1-6	PC1, PYC2, PC3, PC6, PC7, PC9, PC11, PC12
	3	PICO Question and Boolean Operators (Gamification Activity)	1%	1-6	PC1, PYC2, PC3, PC6, PC7, PC9, PC11, PC12
	4	Evidence Searching (Gamification Activity)	1%	1-6	PC1, PYC2, PC3, PC6, PC7, PC9, PC11, PC12
	5	PICO Development Group Assignment	4%	1-6	PC1, PYC2, PC3, PC6, PC7, PC9, PC11, PC12
	6	Literature Search and Presentation Assignment Using a PICO Question	8%	1-6	PC1, PYC2, PC3, PC6, PC7, PC9, PC11, PC12
	7	Applying Evidence-Based Dentistry in Patient Care	4%	1-6	PC1, PYC2, PC3, PC6, PC7, PC9, PC11, PC12
	8	Evidence-Based Decision-Making in Periodontal Tooth Prognosis and Preservation of the Natural Dentition	6%	1-6	PC1, PYC2, PC3, PC6, PC7, PC9, PC11, PC12
	9	Evidence-Based Decision-Making in the Restoration of Natural Teeth	6%	1-6	PC1, PYC2, PC3, PC6, PC7, PC9, PC11, PC12
	10	Case Selection for the Use of Cone-Beam Computed Tomography in Dentistry Based on Diagnostic Efficacy and Risk Assessment	6%	1-6	PC1, PYC2, PC3, PC6, PC7, PC9, PC11, PC12
	11	Emerging Strategies for Periodontal and Alveolar Bone Regeneration	6%	1-6	PC1, PYC2, PC3, PC6, PC7, PC9, PC11, PC12
	12	Evidence-Based Decision-Making in Dentistry: An Endodontic Perspective	6%	1-6	PC1, PYC2, PC3, PC6, PC7, PC9, PC11, PC12
	13	Final Examination	40%	1-6	PC1, PYC2, PC3, PC6, PC7, PC9, PC11, PC12

Limitations on the Use of Artificial Intelligence	*** The block/course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical Lecture	1	1x1
Preparation for the Course – Watching Video Lectures	10	10x0.5
Preparation for the Course – Reading Course Materials	13	13x2
In-Class Activities	16	16x1
Post-Class Activities	6	6x4
Preparation for the Final Examination	1	1x34
Final Examination	1	1x1
Total Workload		107
Estimated ECTS Credit		3.57
Approximate ECTS Credit		~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY														
COURSE SYLLABUS														
Course Code		Course Name				Course Status		Credits		ECTS				
COH400		Community Oral Health				Compulsory		2		4				
Course Language		Course Type		Prerequisite		Year		Term		Attendance				
English		Asynchronous		-		4		Academic Year		70%				
Class Hours					Learning Sessions									
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)			Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)		
16	0	48	0			48			0			16		
Learning Outcomes of the Course	Upon completing this course, students will be able to;													
	LO 1	Describe the epidemiology of dental caries and oral diseases in pediatric or adult patients.												
	LO 2	Identify factors that threaten oral and dental health in pediatric or adult patients and develop an individualized preventive program.												
	LO 3	List preventive practices for individuals with special needs.												
	LO 4	List healthy lifestyle behaviors and define the concepts of public health and occupational safety.												
	LO 5	Describe epidemiological methods, data-collection techniques, and the fundamental principles of research designs.												
	LO 6	List the principles for addressing substance, tobacco, and alcohol addiction, emergencies, and infectious diseases in the community.												
	LO 7	List the effects of urbanization and globalization on oral and dental health.												
LO 8	Participate in public information and awareness-raising activities to improve awareness of oral and dental health.													
The Relationship Between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	1	1	1	1	1	1	5	1	1	1	1	1	1
	LO 2	1	1	1	1	1	1	5	1	1	1	1	1	1
	LO 3	1	1	1	1	1	1	5	1	1	1	1	1	1
	LO 4	1	1	1	1	1	1	5	5	1	1	4	1	1
	LO 5	1	1	1	1	1	1	5	1	1	1	1	1	1
	LO 6	1	1	1	1	1	1	5	1	1	1	1	1	5
	LO 7	1	1	1	1	1	1	5	1	1	1	1	1	4
	LO 8	1	1	1	1	1	1	5	1	1	1	1	1	5
Contribution Level / 1: None, 2: Poor, 3: Moderate, 4: Good, 5: Very Good														
Course Description	This course focuses on the protection of oral and dental health at both individual and community levels, the promotion of health awareness, and the development of preventive approaches. The interpretation of epidemiological data, oral and dental health policies, the fight against addiction, emergency situations, and the control of infectious diseases are evaluated from the perspective of community oral and dental health.													
Course Objectives	Objective 1	To explain the individual and social importance of oral and dental health												
	Objective 2	To promote the development of preventive oral and dental health habits												
	Objective 3	To provide competence in organizing information and educational activities aimed at increasing oral and dental health awareness in the community												
	Objective 4	To develop the ability to contribute to the development of oral and dental health policies by interpreting epidemiological data												
	Objective 5	To define the principles of combating substance, tobacco, and alcohol addiction in the community												
	Objective 6	To teach the basic principles related to disasters, emergency situations, and the control of infectious diseases.												
Textbook / Resources	Resource 1	Guyatt G, Rennie D, Meade MO, Cook DJ (2008). Users' Guides to the Medical Literature: A Manual for Evidence-Based Clinical Practice. 2nd Edition												
	Resource 2	Soben Peter (2017). Essentials of Public Health Dentistry (Community Dentistry), 6th Ed., Arya Medi Publishing House												
	Resource 3	Daly B, Batchelor P, Treasure E, Watt R (2013). Essential Dental Public Health. 2nd Ed., OUP Oxford.												
Teaching Methods of the Course	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving		Project Design / Management		Report Preparation	Team / Group Work	Brainstorming
	☒	☐	☒	☐	☐	☒	☐	☒		☐		☐	☒	☒
Content Course	Department		Subject					Activities		Resource			Hour	
								Introduction to Community Oral and Dental Health; indices used in determining the epidemiology of dental caries		ILS	1-3	1		
	Pedodontics		Reporting of dietary regulation in pediatric and adult patients					ILS		1-3			1	
			Topical and systemic fluoride applications in children, fluoride prescription, and fluorosis					ILS		1-3			1	
			Preventive practices for patients with special healthcare needs					ILS		1-3			1	
			Healthy lifestyle behaviors					ILS		1-3			1	
	Faculty of Medicine, Department of Public Health		Introduction to public health and primary healthcare services					ILS		1-3			1	
			Occupational health and safety					ILS		1-3			1	
			Introduction to epidemiology					ILS		1-3			2	
			Epidemiological research and research planning					ILS		1-3			2	
			Substance dependence, including tobacco, alcohol, and related substances					ILS		1-3			2	
			Environmental factors affecting oral and dental health at global and urban levels					ILS		1-3			1	
			Healthcare services in extraordinary situations					ILS		1-3			1	
			Control of infectious diseases in the community					ILS		1-3			1	
			Multidisciplinary		Midterm Examination							1-3		
	End-of-year project							1-3			1			
Evaluation Criteria		Method			Contr. (%)		Resource		Relevant Qualifications					
	1	Midterm exam			50%		1-3		PC7, PC11, PC13					
	2	End-of-year project			50%		1-3		PC7, PC11, PC13					
Limitations on the Use of Artificial Intelligence	*** The course is not open to the use of artificial intelligence-based tools.													
Workload and ECTS Calculation														
Educational Tool										Quantity		Student Workload (Hours)		
Theoretical Lecture Hours										16		16×1		
Preparation for the Course										16		16×1		
Preparation for the Midterm Examination										1		1×30		
Midterm Examination										1		1×1		
Preparation for the End-of-year Project										1		1×30		
Presentation of End-of-year Project										1		1×1		
Screening Practices										6		3×4		
Total Workload												106		
Estimated ECTS Credit												3.53		
Approximate ECTS Credit												~4		

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COURSE OUTLINE

Course Code	Course Name		Course Type	Credit	ECTS
DTC500	Year 5 Theoretical Committees		Compulsory	5	8
Course Language	Course Type	Prerequisite	Year	Semester	Attendance
English	Face to face	DTC400 & All Clinical Rotations	5	Academic Year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
141	0	0	0	0	5	136

Learning Outcomes of the Course	Upon completing this course, students will be able to;													
	LO 1	Relate dental implantology, laser applications, and current techniques, devices, and materials used in dentistry to their clinical areas of use.												
	LO 2	Determine the appropriate dental approach for geriatric patients, individuals undergoing oncological treatment, and patients with maxillofacial deformities.												
	LO 3	Explain the fundamental principles of quality management, accreditation, documentation, infection control, waste management, ergonomics, and patient and dentist rights in dental practice.												
	LO 4	Select the appropriate clinical approach by relating systemic diseases, head and neck findings, skin and mucosal diseases, wound healing, and trauma to dental practice.												
	LO 5	Define the fundamental principles of forensic odontology, legal responsibility, age and identity estimation, reporting procedures, and the dentist's approach to patients with psychiatric and neurological disorders.												

The Relationship between Learning Outcomes and Program Competencies	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	3	4	1	2	1	3	4	1	1	1	1	1
	LO 2	4	4	1	4	3	3	1	1	1	1	1	1
	LO 3	4	1	1	5	2	4	1	1	1	1	1	1
	LO 4	5	5	4	1	4	1	1	1	1	1	1	1
	LO 5	3	3	1	2	1	3	4	3	1	1	1	1

Level of Contribution / 1: None, 2: Weak, 3: Moderate, 4: Good, 5: Very Good

Course Description	This course examines current diagnostic and treatment technologies in dentistry, geriatric patient approaches, maxillofacial prosthetic applications, quality in healthcare and legal processes, and the effects of systemic diseases on dental treatment from a multidisciplinary perspective. It also provides fundamental knowledge and awareness of the implications of forensic, psychiatric, and neurological cases in dental practice.
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Course Objectives	Objective 1	To explain the clinical applications of current techniques, devices, and materials used in dental implantology and dentistry through an interdisciplinary approach
	Objective 2	To evaluate oral and dental health needs and appropriate treatment approaches in geriatric patients, individuals who have received oncological treatment, and patients with maxillofacial defects
	Objective 3	To provide fundamental knowledge and awareness of quality management, accreditation, clinical workflow, legislation, ethical principles, and patient-dentist responsibilities in dental practice
	Objective 4	To evaluate the effects of systemic diseases on oral and dental health, dental treatment planning, medication selection, and procedural safety
	Objective 5	To explain the fundamental principles of forensic odontology, legal responsibility, patient safety, ethical approach, and the dental management of psychiatric and neurological patients

Textbook / Resources	Reference 1	CS1-Resources
	Reference 2	CS2-Resources
	Reference 3	CS3-Resources
	Reference 4	CMS1-Resources
	Reference 5	CMS2-Resources

Teaching Methods of the Course	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming
	☒	☒	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒

Course Content	Committee	Course Syllabus Addendum	Learning Sessions	References	Hours
	CS-1	CS1-Course Content	CS,TS	1-7	27
	CS-2	CS2-Course Content	CS,TS	1-10	16
	CS-3	CS3-Course Content	CS,TS	1-8	31
	CMS-1	CMS1-Course Content	CS,TS	1-6	28
	CMS-2	CMS2-Course Content	CS,TS	1-6	39

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee examinations weighted average	60	CS 1-3, CMS 1-2
	2	End-of-Year General Theoretical Examination	40	CS 1-3, CMS 1-2

Limitations of Artificial Intelligence Usage	*** The course is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	136	136x1
Preparation for theoretical course	113	113x0.5
Preparation for the committee exam	5	5x8.6
Committee exam	5	5x1
Discussion session after the committee exam	5	5x1
Preparation for the final theoretical exam	1	1x19
Final theoretical exam	1	1x2
	Total Workload	266.5
	Predicted ECTS	7.99
	Approximate ECTS	~8

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY														
COMMITTEE OUTLINE														
Committee Code		Committee Name				Committee Status		Credit		ECTS				
DTC500-CS1		Current Approaches and Oral Implantology				Compulsory		1		2				
Committee Language		Committee Type		Prerequisite		Year		Term		Attendance				
English		Face to face		DTB400 & Clinical Rotations		5		Academic year		70%				
Class Hours			Learning Sessions											
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)			Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)		
27	0	0	0			0			1			26		
Learning Outcomes of the Committee	Upon completing this committee, students will be able to:													
	LO 1	Describe the historical development of dental implantology and list the types and components of dental implants.												
	LO 2	Determine an appropriate radiological, surgical, and prosthetic clinical approach for dental implant treatment according to the case.												
	LO 3	List the success criteria for implant treatment, diagnose peri-implantitis, and determine an appropriate treatment approach.												
	LO 4	List the characteristics of advanced imaging methods and relate them to their areas of use.												
	LO 5	List the applications and advantages of lasers in dentistry.												
	LO 6	Identify current techniques, devices, and materials used in different fields of dentistry and list their characteristics.												
The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	1	1	1	1	1	1	1	1	1	1	1	1
	LO 2	2	3	3	1	1	2	1	1	1	1	1	1	1
	LO 3	2	3	3	1	1	2	1	1	1	1	1	1	1
	LO 4	2	1	1	3	1	1	1	1	1	1	1	1	1
	LO 5	2	1	1	3	1	1	1	1	1	1	1	1	1
	LO 6	2	1	1	5	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good														
Committee Description	This committee presents the fundamental principles of implantology and the radiological, surgical, periodontal, and prosthetic aspects of implant treatment within an interdisciplinary framework. It also provides fundamental knowledge of current techniques, devices, and materials used in different fields of dentistry.													
Committee Objectives	Objective 1	To explain the basic concepts of implantology, peri-implant tissues, and the principles of surgical and prosthetic planning												
	Objective 2	To discuss the indications and areas of use of advanced imaging methods in implantology and surgical planning												
	Objective 3	To summarize the principles of using CAD/CAM systems and digital workflows in prosthetic and orthodontic treatments												
	Objective 4	To define the areas of use, advantages, and limitations of lasers and other modern devices in restorative, periodontal, and endodontic treatments												
	Objective 5	To explain the fundamental principles of current techniques and minimally invasive approaches used in oral surgery												
	Objective 6	To teach the fundamental principles of regenerative treatments and tissue engineering approaches, particularly in pediatric dentistry and periodontal applications												
Textbook / Resources	Resource 1	Özcan İ (2020). Oral Radiology Mind Notes. 1st edition. Güneş Medical Bookstores, Ankara.												
	Resource 2	Olivi G, Genovese MD. Laser restorative dentistry in children and adolescents. Eur Arch Paediatr Dent. 2011;12(2):68-78												
	Resource 3	Newman M, Takei H, Klokkevold P, Carranza F (2019). Clinical Periodontology, 13th Ed. Elsevier.												
	Resource 4	Misch CE (2015). Dental Implant Prosthetics. 2ndEd. Elsevier, Mosby.												
	Resource 5	Çağlayan G (2018). Periodontology and Implantology. Quintessence Publications, Türkiye.												
	Resource 6	Berman LH, Hargreaves KM (2020).Cohen's Pathways of the Pulp, 12th Ed. Elsevier.												
	Resource 7	Lecture notes												
Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming		
	☑	☐	☑	☐	☐	☐	☑	☐	☐	☐	☐	☐	☐	
Committee Content	Department	Subject						Activities		Resource		Hour		
	Prosthetic Dentistry	Introduction and history of implantology						ILS		4,7		1		
	Dentomaxillofacial Radiology	Implant radiology						ILS		1,7		1		
		Imaging methods						ILS		1,7		1		
	Periodontology	Tissues surrounding the implant						ILS		3,5,7		1		
		Implant types						ILS		4,5,7		1		
	Prosthetic Dentistry	Parts of the implant						ILS		4,5,7		1		
		Prosthetic planning in implantology						ILS		4,5,7		1		
	Oral and Maxillofacial Surgery	Surgical planning						ILS		3-5,7		1		
		Implant surgery						ILS		3-5,7		1		
	Periodontology	Osteointegration						ILS		3-5,7		1		
		Periimplantitis and its treatment						ILS		3-5,7		1		
	Dentomaxillofacial Radiology	Ultrasound, MRI and CT						ILS		1,7		2		
	Prosthetic Dentistry	CAD/CAM						ILS		4,7		1		
	Restorative Dentistry	Use of laser in restorative dental treatment (hard tissue laser)						ILS		2,7		2		
	Periodontology	Laser use in Periodontology (soft tissue laser)						ILS		2,3,5,7		2		
		Advanced periodontal diagnostic techniques						ILS		3,5,7		1		
	Endodontics	Rotary instruments in endodontics						ILS		6,7		1		
		Use of laser and microscope in endodontics						ILS		6,7		1		
	Oral and Maxillofacial Surgery	Current methods and devices used in oral surgery (botox, piezo, prf, laser, cryosurgery, electrosurgery)						ILS		3-5,7		2		
		Advanced surgical techniques						ILS		3-5,7		1		
	Orthodontics	Clear aligner technique						ILS		3-5,7		2		
	Pedodontics	Regeneration and Tissue Engineering						ILS		3-7		1		
	Multidisciplinary	Committee Exam								1-7		1		
		Remedial Session after the Committee Exam						RS		1-7		1		
		End of Year Theoretical Exam								1-7		1		
Evaluation Criteria		Method			Contr. (%)		Resource		Relevant Qualifications					
	1	Committee exam			11.4		1-7		PC1, PC2, PC3, PC4, PC6					
	2	End-of-year general theoretical exam			7.6		1-7		PC1, PC2, PC3, PC4, PC6					
Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.													
Workload and ECTS Calculation														
Educational Tool										Quantity		Student Workload (Hours)		

Theoretical course hour	26	26x1
Preparation for the theoretical course	26	26x0.5
Preparation for the committee exam	1	1x10
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x4
Final theoretical exam	1	1x1
Total Workload		56
Estimated ECTS Credit		1.86
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY														
COMMITTEE OUTLINE														
Committee Code		Committee Name				Committee Status		Credit		ECTS				
DTC500 - CS2		Geriatrics and Maxillofacial Prosthetics				Compulsory		1		1				
Committee Language		Committee Type		Prerequisite		Year		Term		Attendance				
English		Face to face		DTB400 & Clinical Rotations		5		Academic year		70%				
Class Hours					Learning Sessions									
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)			Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)		
16	0	0	0			0			1			15		
Learning Outcomes of the Committee	Upon completing this committee, students will be able to:													
	LO 1	Distinguish the physiological, pathological, and psychological changes associated with aging and determine the differences in dental treatment for geriatric patients.												
	LO 2	Describe the dental approach to patients undergoing radiotherapy and chemotherapy.												
	LO 3	Determine an appropriate prosthetic approach according to the etiology of maxillofacial deformities and list the techniques and materials used.												
The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	3	3	3	1	1	1	3	1	1	1	1	1	1
	LO 2	3	3	3	1	1	1	1	1	1	1	1	1	1
	LO 3	3	3	1	2	1	2	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good														
Committee Description	This committee addresses oral and dental health in older adults within the framework of age-related changes in hard and soft tissues and bone, systemic and psychiatric conditions, and their implications for periodontal, endodontic, restorative, and prosthetic treatment. It also includes the fundamental principles of maxillofacial prosthetic approaches used in patients with maxillofacial defects and tumors.													
Committee Objectives	Objective 1	To explain the main age-related changes observed in the periodontium, hard tissues, and soft tissues, and their effects on periodontal, endodontic, and restorative treatment planning												
	Objective 2	To relate common systemic, psychiatric, bone, and metabolic conditions in older adults to oral and dental health and to summarize the key considerations in dental treatment												
	Objective 3	To explain the fundamental biomechanical and biomaterial principles of fixed, removable, and implant-supported prosthetic treatment approaches in geriatric patients												
	Objective 4	To introduce the basic classifications of maxillofacial defects and tumors, the functional and aesthetic problems that occur after oncological treatments, and maxillofacial prosthetic options												
	Objective 5	To discuss the indications, design principles, and key considerations in patient follow-up for obturators and other special prostheses used in cleft lip and palate cases and extensive maxillofacial defects.												
Textbook / Resources	Resource 1	Newman M, Takei H, Klokkevold P, Carranza F. (2019). Clinical Periodontology. 13th Edition. Elsevier.												
	Resource 2	Çağlayan G. (2018). Periodontology and Implantology. Quintessence Publishing, Turkey.												
	Resource 3	Grampp S, Baert A.L. (2008). Radiology of Osteoporosis. 2nd Edition. Springer.												
	Resource 4	Mallya S, Lam E. (2018). White and Pharaoh's Oral Radiology: Principles and Interpretation. 8th Edition. Mosby.												
	Resource 5	MacDonald D. (2020). Oral and Maxillofacial Radiology: A Diagnostic Approach. 2nd Edition. Wiley.												
	Resource 6	Gençer B.K., Tarçın B., Şenol A.A., Atalı P.Y. (2021). Geriatric Approaches in Restorative Dentistry. Selcuk Dental Journal, 8(3), 936-946.												
	Resource 7	Kabataş Yıldız M. (2022). Geriatric Psychiatry. 1st Edition. Nobel Academic Publishing.												
	Resource 8	Holm-Pedersen P., Walls A.W.G., Ship J.A. (2015). Textbook of Geriatric Dentistry. 3rd Edition. John Wiley & Sons.												
	Resource 9	Dholam K., Gurav S., Singh G.P. (2024). Maxillofacial Prosthetics and Dental Oncology: A Practical Approach from a High-Volume Head and Neck Cancer Centre. Springer Singapore. ISBN: 978-981-99-5194-9.												
	Resource 10	Lecture notes.												
Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming		
	☑	☐	☑	☐	☐	☐	☑	☐	☐	☐	☐	☐		
Committee Content	Department		Subject					Activities			Resource		Hour	
	Restorative Dentistry		Restorative Management of Geriatric Patients					ILS			6,10		1	
	Dentomaxillofacial Radiology		Changes in bone mineral structure and bone density in the elderly					ILS			3-5,10		1	
			Osteoporosis and jaw findings					ILS			3-5,10		1	
	Prosthetic Dentistry		Considerations for prosthetic approaches in geriatric patients					ILS			8,10		1	
	Oral and Maxillofacial Surgery		Approach to patients undergoing radiotherapy and chemotherapy					ILS			9,10		1	
			Definition and history of maxillofacial prostheses					ILS			8-10		1	
			Materials used in maxillofacial prostheses					ILS			8-10		1	
			Maxillofacial tumors					ILS			8-10		1	
			Maxillofacial defects, classification and complications					ILS			8-10		1	
			Classification and anatomy of cleft lip and palate					ILS			8-10		1	
			Obturator types, features and fabrication					ILS			8-10		1	
			Prosthetic rehabilitation in mandibular defects, radiotherapy prostheses and tissue modifiers					ILS			8-10		1	
			Epitheses and implant retained maxillofacial prostheses and extraoral implants					ILS			8-10		1	
			Committee Exam								1-10		1	
	Multidisciplinary		Remedial Session after the Committee Exam					RS			1-10		1	
			End of Year Theoretical Exam								1-10		1	
Evaluation Criteria		Method			Contr. (%)	Resource		Relevant Qualifications						
	1	Committee exam			8.4	1-6		PC1, PC2, PC3, PC4, PC6, PC7						
	2	End-of-year general theoretical exam			5.6	1-6		PC1, PC2, PC3, PC4, PC6, PC7						
Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.													
Workload and ECTS Calculation														
Educational Tool									Quantity		Student Workload (Hours)			
Theoretical course hour									15		15x1			
Preparation for the theoretical course									15		15x0.5			
Preparation for the committee exam									1		1x8			
Committee exam									1		1x1			
Discussion session after the committee exam									1		1x1			
Preparation for the final theoretical exam									1		1x3			
Final theoretical exam									1		1x1			
									Total Workload		36.5			
									Estimated ECTS Credit		1.21			
									Approximate ECTS Credit		~1			

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Committee Code	Committee Name		Committee Status	Credit	ECTS
DTC500 - CS3	Quality and Practice Management in Healthcare		Compulsory	1	2
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTB400 & Clinical Rotations	5	Academic year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
31	0	0	0	0	1	30

Learning Outcomes of the Committee	<i>Upon completing this committee, students will be able to;</i>													
	LO 1	Define the concept of quality and the processes of quality assessment and improvement.												
	LO 2	List the principles of total quality management and determine the importance of accreditation and documentation in quality assurance.												
	LO 3	List safety principles for both patients and employees and determine safe and ergonomic working conditions.												
	LO 4	Classify medical waste and select an appropriate approach to its management.												
	LO 5	Describe the legislation and management structure related to establishing and operating a dental practice.												
	LO 6	List the rights and responsibilities of patients and dentists.												

The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PCC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	1	1	1	1	3	1	1	5	1	4	1	1	1
	LO 2	2	1	1	1	3	1	1	5	1	3	1	1	1
	LO 3	3	1	1	3	4	1	1	5	1	4	1	1	1
	LO 4	1	1	1	1	5	1	1	5	1	1	1	1	1
	LO 5	1	1	1	1	5	1	1	5	1	1	1	1	1
	LO 6	1	1	1	1	5	1	1	5	3	4	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good														

Committee Description	This committee focuses on the principles required for the safe, high-quality, and legally compliant delivery of clinical services in dentistry. It introduces health quality management, accreditation, dental office and clinical organization, occupational health and safety, health law, and malpractice concepts within an integrated framework.													
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Committee Objectives	Objective 1	To explain the reflections of quality in healthcare, total quality management, accreditation, and continuous improvement concepts on dental practice												
	Objective 2	To introduce international healthcare accreditation organizations and the quality standards established by these organizations.												
	Objective 3	To provide fundamental knowledge of the establishment, operation, and management processes of dental offices, clinics, and similar healthcare institutions												
	Objective 4	To explain national health legislation, ethical principles, and legal responsibilities applicable to dental practice												
	Objective 5	To provide students with a clinical management approach focused on patient satisfaction and service quality.												

Textbook / Resources	Resource 1	Yıldız AN (2014). Occupational health and safety. 3rd edition. Hacettepe Publications, Ankara.												
	Resource 2	Kaya S (2013). Quality Management in Healthcare Institutions. 1st ed. Anadolu University Publications, Eskişehir.												
	Resource 3	Zeyrekli Yas S. Application of Total Quality Management Approach in Health Services. Quality and Strategy Management Journal 2021;1(1):21-23.												
	Resource 4	Şenel FÇ. Health Services Accreditation: What is its Benefit, Importance and Impact? Online English Journal of Health Sciences. 2019;4(2): 221-234.												
	Resource 5	Occupational Safety and Health Administration https://www.osha.gov/												
	Resource 6	Joint Commission International (2021). Joint Commission International Hospital Accreditation Standards, 8th Edition. Joint Commission Resources, Oakbrook Terrace, USA.												
	Resource 7	Özçetin Selvi, Balaban Murat. Health Law. 2nd Edition, Seçkin Publishing, 2015.												
	Resource 8	Lecture notes												

Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming
	☒	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐

Committee Content	Department	Subject	Activities		Resource		Hour	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-6,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
			ILS		1-5,8		1	
	Health Law	What is health law?	ILS		7,8		1	
		Malpractice lawsuits	ILS		7,8		1	
		Dentists' rights and obligations	ILS		7,8		1	
		Legal liability of dentists	ILS		7,8		1	
		Patient rights	ILS		7,8		1	
		Disputes arising from dental treatment	ILS		7,8		1	
	Multidisciplinary	Committee Exam			1-8		1	
		Remedial Session after the Committee Exam	RS		1-8		1	
		End of Year Theoretical Exam			1-8		1	

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	12,6	1-8	PC1, PC4, PC5, PC8, PC9, PC10
	2	End-of-year general theoretical exam	8,4	1-8	PC1, PC4, PC5, PC8, PC9, PC10

Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	30	30x1
Preparation for the theoretical course	30	30x0.5
Preparation for the committee exam	1	1x10
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x5
Final theoretical exam	1	1x1
Total Workload		63
Estimated ECTS Credit		2.1
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY

COMMITTEE OUTLINE

Committee Code	Committee Name		Committee Status	Credit	ECTS
DTC500 - CMS1	Clinical Medical Sciences I		Compulsory	1	1
Committee Language	Committee Type	Prerequisite	Year	Term	Attendance
English	Face to face	DTB400 & Clinical Rotations	5	Academic year	70%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
28	0	0	0	0	1	27

Learning Outcomes of the Committee	Upon completing this committee, students will be able to;				
	LO 1	Identify the general signs and symptoms of internal diseases, relate them to dentistry, and determine an appropriate treatment approach.			
	LO 2	Determine the appropriate dental approach to diseases that may cause symptoms in the head and neck region.			
	LO 3	List head and neck cancers and outline the principles of surgical and oncological treatment.			
	LO 4	List skin and mucosal diseases and their oral manifestations, and relate skin lesions to dental practice.			
	LO 5	List the mechanisms of wound healing and wound care procedures.			
	LO 6	List the general approach to trauma and the indications for emergency surgery.			

The Relationship between Learning Outcomes and Program Competencies	PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	2	4	1	1	1	1	1	1	1	1	1
	LO 2	2	4	4	1	1	1	1	1	1	1	1	1
	LO 3	2	4	1	1	1	1	1	1	1	1	1	1
	LO 4	2	2	4	1	1	1	1	1	1	1	1	1
	LO 5	1	2	2	1	1	1	1	1	1	1	1	1
	LO 6	2	1	1	1	1	1	1	1	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good													

Committee Description	This committee focuses on the importance of systemic diseases that may present with findings in the head and neck region or affect dental treatment processes from a dental perspective. It includes fundamental medical knowledge related to the assessment of patients with systemic diseases, identification of risks, safe dental treatment planning, and appropriate referral when necessary.
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Committee Objectives	Objective 1	To ensure the recognition of systemic diseases that may present with clinical findings in the head and neck region or affect dental treatments
	Objective 2	To explain the mechanisms of these diseases and their systemic effects
	Objective 3	To evaluate the effects of systemic diseases on dental treatment planning, medication selection, and procedural safety
	Objective 4	To explain the key considerations in the examination, diagnosis, and treatment processes of patients with systemic diseases
	Objective 5	To emphasize the importance of collaboration between medical and dental disciplines in the management of systemic diseases
	Objective 6	To introduce the necessary precautions for preventing possible dental complications and ensuring safe treatment practices in patients with systemic diseases.

Textbook / Resources	Resource 1	Brewer A, Correa M E. Guidelines for dental treatment of patients with inherited bleeding disorders. Haemophilia. 2005; 11(40): 504-509.
	Resource 2	Kumar V, Abbas A, Aster JC (2021). Robins & Cotran Pathologic Basis of Disease. 10th Ed. Elsevier, Philadelphia.
	Resource 3	Flint PW, Francis HW, Haughey BH, Lesperance MM, Lund VJ, Robbins KT, Thomas JR (2020). Cummings Otolaryngology Head and Neck Surgery, 7th ed. Elsevier, Philadelphia
	Resource 4	Goldsmith LA, Katz SJ, Gilchrist BA, Paller AS, Leffell DJ, Wolff K (2012). Fitzpatrick's Dermatology in General Medicine. 8thEd. McGraw-Hill Education.
	Resource 5	Plewig G, French L, Ruzicka T, Kaufmann R, Hertl M (2022). Braun-Falco's Dermatology. 4th Ed. Springer.
	Resource 6	Lecture notes

Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application / Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming
	☒	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐

Committee Content	Department	Subject		Activities	Resource	Hour
	Cardiology	Cardiovascular diseases and congenital heart diseases (arrhythmia) in terms of dentistry		ILS	2.6	2
	Pediatric Hematology	Hematological diseases and bleeding in dentistry		ILS	1.6	2
	Infectious Diseases	Coronavirus and pandemics		ILS	2.6	2
	Internal medicine	General symptoms and vital signs in internal medicine		ILS	2.6	2
		GIS diseases (Crohn's, ulcerative colitis, celiac, gastroesophageal reflux, peptic ulcer)		ILS	2.6	2
		Dentistry and dialysis in nephrological diseases		ILS	2.6	2
	ENT	ENT physical examination and anatomy		ILS	3.6	1
		Rhinosinusitis, allergic rhinitis, adenoid vegetations, chronic hypertrophic tonsillitis		ILS	3.6	1
		Upper respiratory tract infections		ILS	3.6	1
		Earaches (otitis media and others)		ILS	3.6	1
		Head and neck cancers		ILS	3.6	1
		Obstructive Sleep Apnea and snoring		ILS	3.6	1
		Phonation and voice problems		ILS	3.6	1
	General Surgery	Surgery in the presence of systemic diseases		ILS	2.6	1
		Wound healing and wound care		ILS	2.6	1
		General approach to trauma and burn surgery		ILS	2.6	1
		Surgical oncological principles and tumor pathophysiology		ILS	2.6	1
		Acute abdomen		ILS	2.6	1
	Dermatology	Skin and visible mucosal diseases		ILS	4-6	2
		Urticaria drug eruptions and contact dermatitis		ILS	4-6	2
	Multidisciplinary	Committee Exam			1-6	1
		Remedial Session after the Committee Exam		RS	1-6	1
		End of Year Theoretical Exam			1-6	1

Evaluation Criteria		Method	Contr. (%)	Resource	Relevant Qualifications
	1	Committee exam	11.4	1-6	PC1, PC2, PC3
	2	End-of-year general theoretical exam	7.6	1-6	PC1, PC2, PC3

Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Theoretical course hour	27	27X1
Preparation for the theoretical course	14	14x0.5
Preparation for the committee exam	1	1X5

Committee exam	1	1X1
Discussion session after the committee exam	1	1X1
Preparation for the final theoretical exam	1	1X2
Final theoretical exam	1	1X1
Total Workload		44
Estimated ECTS Credit		1,46
Approximate ECTS Credit		~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY															
COMMITTEE OUTLINE															
Committee Code		Committee Name				Committee Status		Credit		ECTS					
DTC500 - CMS-2		Clinical Medical Sciences II				Compulsory		1		2					
Committee Language		Committee Type		Prerequisite		Year		Term		Attendance					
English		Face to face		DTB400 & Clinical Rotations		5		Academic year		70%					
Class Hours			Learning Sessions												
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)			Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)			
39	0	0	0			0			1			38			
Learning Outcomes of the Committee	Upon completing this committee, students will be able to:														
	LO 1	List their legal rights, authority, and responsibilities in the field of forensic odontology.													
	LO 2	Determine legal capacity and capacity to consent, and collaborate with the relevant units.													
	LO 3	List the stages of forensic dental record-keeping and identification for living or deceased individuals.													
	LO 4	Describe the detection, prevention, and reporting processes in forensic cases.													
	LO 5	Select an appropriate dental approach for patients with different psychiatric and neurological disorders.													
The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13	
	LO 1	2	1	1	1	5	1	1	1	1	5	1	1	1	
	LO 2	2	1	1	1	4	3	1	1	1	2	1	1	1	
	LO 3	1	1	1	1	3	1	1	1	1	4	1	1	1	
	LO 4	1	1	1	1	4	1	1	1	2	2	1	1	1	
	LO 5	3	1	3	1	1	1	1	1	2	1	1	1	1	
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good															
Committee Description	This committee evaluates forensic medicine, psychiatric conditions, and neurological conditions from the perspective of dentistry. It provides fundamental knowledge of the evaluation of forensic cases, medicolegal responsibilities, the recognition of psychiatric and neurological disorders, and the implications of these conditions for dental practice.														
Committee Objectives	Objective 1	To introduce forensic cases that may be encountered during dental practice													
	Objective 2	To explain the legal and forensic medical responsibilities of dentists in forensic cases													
	Objective 3	To evaluate the relationship between neurological and psychiatric diseases and dentistry													
	Objective 4	To explain the fundamental principles of dental management and treatment planning in these diseases													
	Objective 5	To develop awareness of patient safety and ethical responsibility													
	Objective 6	To support dentists' effective communication skills with multidisciplinary healthcare teams.													
Textbook / Resources	Source 1	Dokgöz H (2022). Forensic Medicine & Forensic Sciences. 3rd Edition. Academician Bookstore, Ankara.													
	Source 2	Arifoğlu Y (2022). Neuroanatomy in All Aspects. 1st Edition. Istanbul Medical Bookstores, Istanbul													
	Source 3	Sadock BJ, Sadock VA, Ruiz P (2017). Kaplan & Sadock's Comprehensive Textbook of Psychiatry. 10thEd. Wolters Kluwer, China.													
	Source 4	Bozkurt A, Dalbudak E (translation ed.) (2022). Kaplan & Sadock's Comprehensive Textbook of Psychiatry (English). 1st Edition. Güneş Medical Bookstore, Ankara													
	Source 5	Simon RP, Aminoff MJ, Greenberg DA (2018). Clinical Neurology. 10thEd. McGrawHill.													
	Source 6	Lecture notes													
Teaching Methods of the Committee	Lecture	Discussion	Question and Answer	Observation	Experiment	Application / Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming			
	☑	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐			
Committee Content	Department	Subject					Activities			Resource		Hour			
	Forensic medicine	Introduction to forensic sciences					ILS			1,6		2			
		Identification of disaster victims					ILS			1,6		1			
		Forensic odontology					ILS			1,6		1			
		Forensic traumatology					ILS			1,6		1			
		Death					ILS			1,6		1			
		Postmortem changes					ILS			1,6		1			
		Medicolegal autopsy					ILS			1,6		1			
		Asphyxiating deaths					ILS			1,6		1			
		Sexual violence					ILS			1,6		1			
		Forensic psychiatry					ILS			1,6		1			
	Psychiatry - Neurology	Neuroanatomy					ILS			2,5,6		2			
		Introduction to psychiatry and symptoms					ILS			2,5,6		2			
		Headache, cranial neuropathies, cranial neuralgia					ILS			2,5,6		2			
		Somatoform disorders					ILS			2,5,6		2			
		Eating disorders					ILS			3,4,6		2			
		Anxiety disorders and panic attacks					ILS			3,4,6		2			
		Mood disorders					ILS			3,4,6		2			
		Sleep disorders					ILS			3,4,6		2			
		Personality disorders					ILS			3,4,6		2			
		Substance addictions					ILS			3,4,6		2			
		Schizophrenia, psychosis, suicidal ideation, self-harm					ILS			3,4,6		2			
		Cerebrovascular diseases					ILS			5,6		2			
		Neurodegenerative diseases					ILS			5,6		2			
		Psychiatric/neurological disorders in dentistry, dentophobia					ILS			5,6		2			
		Multidisciplinary	Committee Exam								1-6		1		
	Remedial Session after the Committee Exam					RS			1-6		1				
	End of Year Theoretical Exam								1-6		1				
Evaluation Criteria		Method	Contr. (%)		Resource		Relevant Qualifications								
	1	Committee exam		16.2		1-6		PC1, PC3, PC5, PC6, PC9, PC10							
	2	End-of-year general theoretical exam		10.8		1-6		PC1, PC3, PC5, PC6, PC9, PC10							
Limitations of Using Artificial Intelligence	*** The committee is not open to the use of AI-based tools.														
Workload and ECTS Calculation															
Educational Tool										Quantity	Student Workload (Hours)				
Theoretical course hour										38	38x1				
Preparation for the theoretical course										28	28x0.5				

Preparation for the committee exam	1	1x10
Committee exam	1	1x1
Discussion session after the committee exam	1	1x1
Preparation for the final theoretical exam	1	1x5
Final theoretical exam	1	1x1
Total Workload		70
Estimated ECTS Credit		2.33
Approximate ECTS Credit		~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY														
CLINICAL ROTATION OUTLINE														
Clinical Rotation Code		Clinical Rotation Name					Clinical Rotation Type		Credit		ECTS			
DAC500		Adult Integrated Dentistry Clinic					Compulsory		14		28			
Clinical Rotation Language		Rotation Type		Prerequisite			Year		Period		Attendance			
English		Face to face		All Year 4 Rotations			5		Academic year		80%			
Class Hours				Learning Sessions										
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)			Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)		
0	0	528	0			528			0			0		
Learning Outcomes of the Rotation	Upon completing this clinical rotation, students will be able to;													
	LO 1	Obtain the medical and dental history of an adult patient.												
	LO 2	Perform intraoral and extraoral examinations of an adult patient.												
	LO 3	Determine and apply the appropriate imaging method for the patient.												
	LO 4	Establish a diagnosis by integrating the patient's history, clinical examination findings, and radiographic findings.												
	LO 5	Document the patient's data in accordance with relevant standards.												
	LO 6	Develop a treatment plan based on the diagnosis and discuss the prioritized treatment plan with the patient.												
	LO 7	Perform treatments within their scope of competence and manage the post-treatment process.												
	LO 8	Schedule routine follow-up visits and inform the patient accordingly.												
The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PCC10	PC 11	PC 12	PC 13
	LO 1	1	1	1	1	1	1	1	1	5	4	1	1	1
	LO 2	5	4	1	2	1	1	1	1	1	1	1	1	1
	LO 3	3	1	1	4	1	1	1	4	1	3	1	1	1
	LO 4	4	5	1	1	1	1	1	1	5	1	1	1	1
	LO 5	1	1	1	1	1	1	1	1	1	5	1	1	1
	LO 6	5	5	1	3	1	2	1	1	5	2	1	1	1
	LO 7	4	3	2	3	4	5	1	5	3	3	1	1	1
	LO 8	1	1	1	1	1	3	1	1	5	1	1	1	1
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good														
Rotation Description	This rotation offers an integrated clinical experience in diagnosis, treatment planning, and clinical practice processes in adult patients. Throughout the rotation, clinical practices from different dental disciplines are approached in a multidisciplinary manner, while students' skills in patient management, communication, documentation, and professional responsibility are supported.													
Rotation Objectives	Objective 1	To teach intraoral and extraoral examination, imaging, and diagnostic processes in adult patients in an integrated manner												
	Objective 2	To develop the ability to reach an accurate diagnosis and formulate a patient-specific treatment plan based on examination and radiological findings												
	Objective 3	To develop skills in sharing the prepared treatment plan with the patient, obtaining informed consent, and managing patient communication												
	Objective 4	To provide the ability to perform planned treatments in the clinical setting in accordance with students' level of competence												
	Objective 5	To develop a clinical approach based on post-treatment patient follow-up, patient safety, and patient satisfaction.												
Textbook / Resources	Resource 1	Miloró M, Ghali GE, Larsen PE, Waite P (2022). Peterson's Principles of Oral and Maxillofacial Surgery. Springer, Cham, Switzerland.												
	Resource 2	Moore UJ (2011). Principles of oral and maxillofacial surgery. 6th ed. Wiley-Blackwell, West Sussex, UK.												
	Resource 3	White and Pharoah's Oral Radiology: Principles and Interpretation. Mallya SM, Lam EWN. 8th ed., Mosby, Elsevier, 2019.												
	Resource 4	Fundamentals of Radiology in Dentistry: From Conventional to Digital. Özcan İ. 1st Edition, İstanbul Medical Publishing, 2017.												
	Resource 5	Burket's Oral Medicine. Glick M, Greenberg MS, Lockhart PB, Challacombe SC. 13th ed., Wiley, 2021.												
	Resource 6	Oral Diagnosis with Multidisciplinary Principles. Özcan İ. 1st Edition, İstanbul Publishing, 2022.												
	Resource 7	Chong BS, Ozelcik B (2019). Harty Endodontics in Clinical Practice. 7th ed. Elsevier-Gunes Medical Bookstore, Ankara.												
	Resource 8	AAE Endodontics Colleagues Endodontic Diagnosis (www.aae.org/colleagues)												
	Resource 9	Torabinajad M, Fouad AF, Shabahang S (2021). Endodontics Principles and Practice. 6th ed., Elsevier.												
	Resource 10	IADT Trauma Guide												
	Resource 11	Newman M, Takei H, Klokkevold P, Carranza F (2019). Clinical Periodontology, 13th Ed.Elsevier												
	Resource 12	Çağlayan, G. (2018). Periodontics and Implantology, Quintessence Publications, Türkiye.												
	Resource 13	Lindhe, J. Lang NP (2015). Clinical periodontology and implant dentistry, 8th Ed. WB Saunders Company.												
	Resource 14	Lecture notes												
	Resource 15	Ulusoy M, Aydın AK (2010). Removable Partial Dentures in Dentistry. Volumes 1 and 2. 3rd edition. Ankara University Press, Ankara.												
	Resource 16	Çalikkocaoğlu S (2013). Prosthetic Treatment of Edentulous Patients: Classical Complete Dentures. 6th ed. Quintessence Publishing, İstanbul												
	Resource 17	Shillingburg HT, Sather DA, Wilson EL, Cain JR, Mitchell DL, Blanco LJ, Kessler JC (2012). Fundamentals of fixed prosthodontics.												
	Resource 18	Gray R, Al-Ani Z (2021). Temporomandibular Disorders: A Problem-Based Approach. 2nd ed. Wiley-Blackwell												
Teaching Methods of the Rotation	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming		
	☑	☑	☑	☑	☐	☑	☑	☐	☐	☑	☑	☐		
Rotation Content	Department		Subject					Activities		Resource			Hour	
	Dentomaxillofacial Radiology Oral and Maxillofacial Surgery Endodontics Restorative Dentistry Periodontology Prosthetic Dentistry		Anamnesis (taking the patient's dental and medical history and listening to his/her complaints)					ILS		1,2,3,4,5,14				
			Diagnosis (Diagnosis of the patient using intra- and extraoral examination techniques and radiography)					ILS		1,2,3,4,5,14				
			Treatment Plan (Preparation and approval of the patient's treatment plan)					ILS		1,2,3,14				
			Preoperative preparations					ILS		1,2,3,14				
			Ability to issue prescriptions					ILS		1,2,3,14				
			Performing scaling and polishing (root planing) treatments included in Phase 1 periodontal treatment					ILS		11,12,13,14				
			Providing patient motivation for personalized oral hygiene education and maintenance of periodontal health					ILS		11,12,13,14				
			Uncomplicated tooth extraction and postoperative follow-up					ILS		1,2,3,14				
			Preparation of the cavity for restorative procedures and restoration with appropriate material					ILS		14,15,16,17				
			Dentin sensitivity treatment					ILS		14,15,16,17				
			Performing all stages of fixed prosthetic restorations from preparation to cementation					ILS		14,15,16,17				
			Implementation of removable dentures from the first impression to the delivery stage					ILS		14,15,16,17				
			Patient education and follow-up during the post-prosthetic process					ILS		14,15,16,17				
			Vital pulp treatments and root canal treatment performed under supervision					ILS		7,8,9,14				
Preparing a case report					ILS		1-18							
OSCE Exam							1-18							
Evaluation Criteria		Method		Contribution (%)			Resource		Related Competencies					
	1	Patient handover and report		Provides eligibility for the end-of-year case exam.			1-18		PC1, PC2, PC3, PC4, PC5, PC6, PC8, PC9, PC10					
	2	Clinical Evaluation		15%			1-18		PC1, PC2, PC3, PC4, PC5, PC6, PC8, PC9, PC10					
	3	Case Report		35%			1-18		PC1, PC2, PC3, PC4, PC5, PC6, PC8, PC9, PC10					

	4	End-of-year general theoretical exam	50%	1-18	PC1, PC2, PC3, PC4, PC5, PC6, PC8, PC9, PC10
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Limitations of Using Artificial Intelligence	*** The block/course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Rotation Hour	132	132x4
Preparation for Rotation	1	1x200
OSCE Exam	1	1x1
Preparation for Final Exam	1	1x60
Final Exam	1	1x2
Preparation of a Case Report	1	1x40
	Total Workload	831
	Projected ECTS	27.7
	Approximate ECTS	~28

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
CLINICAL ROTATION OUTLINE

Clinical Rotation Code	Clinical Rotation Name		Clinical Rotation Type	Credit	ECTS
DCC500	Pediatric Dentistry Integrated Clinic		Compulsory	4	8
Clinical Rotation Language	Type of Clinical Rotation	Prerequisite	Year	Term	Attendance
English	Face to face	-	5	Academic year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
0	0	72	0	72	0	0

Learning Outcomes of the Rotation	Upon completion of this clinical rotation, students will be able to;													
	LO 1	Obtain a medical and dental history from the patient or the patient's parent or guardian and record it in the patient tracking system.												
	LO 2	Perform extraoral and intraoral examinations.												
	LO 3	Prepare documentation in accordance with relevant standards.												
	LO 4	Select and apply an imaging technique appropriate to the case and evaluate the resulting radiographs.												
	LO 5	Establish a diagnosis by integrating clinical and radiographic examination findings.												
	LO 6	Develop an appropriate preventive and restorative treatment plan based on the diagnosis and implement the treatment in order of priority within their scope of competence.												
	LO 7	Identify types of malocclusion in pediatric patients.												
	LO 8	Identify orthodontic materials and prepare an orthodontic model.												
	LO 9	Perform basic orthodontic procedures.												
	LO 10	Perform the analyses used in orthodontic diagnosis and prepare the relevant visual documentation.												

The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	2	2	2	1	2	1	1	1	3	3	2	1	1
	LO 2	4	3	3	1	1	1	1	1	1	1	1	1	1
	LO 3	1	1	1	1	1	1	1	1	1	4	1	1	1
	LO 4	3	2	1	3	1	1	1	5	1	2	1	1	1
	LO 5	4	3	1	3	1	1	1	1	1	1	1	1	1
	LO 6	4	3	1	1	1	2	1	1	1	1	1	1	1
	LO 7	3	3	1	2	1	1	1	1	1	1	1	1	1
	LO 8	1	1	1	2	1	1	1	1	1	1	1	1	1
	LO 9	2	1	1	1	1	2	1	1	1	1	1	1	1
	LO 10	2	2	1	1	1	1	1	1	1	1	4	1	1
Contribution Level / 1: None, 2: Poor, 3: Average, 4: Good, 5: Very Good														

Rotation Description	This rotation provides clinical experience in the integrated management of diagnosis, treatment planning, preventive-restorative procedures, and basic orthodontic assessment processes in pediatric patients. It supports the development of students' clinical approach, communication, ethical responsibility, and preventive dentistry skills appropriate for pediatric patients.
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Rotation Objectives	Objective 1	To teach the basic clinical approach to maintaining oral and dental health in pediatric patients
	Objective 2	To develop the ability to establish a diagnosis and formulate a treatment plan based on clinical and radiographic findings
	Objective 3	To provide basic clinical skills for preventive and restorative dentistry practices
	Objective 4	To introduce orthodontic examination, basic assessment, and treatment planning processes
	Objective 5	To develop skills related to age-appropriate communication, patient management, and clinical decision-making processes in pediatric patients
	Objective 6	To support an ethical, professional, and preventive dentistry-oriented clinical approach in pediatric patients.

Resources	Resource 1	McDonald and Avery's (2016). Dentistry for the Child and Adolescent. 10th ed. Elsevier, Holland.
	Resource 2	Welbury R, Duggal MS, Hosey MT (2018). Paediatric Dentistry. 5thEd. Oxford, England
	Resource 3	Pediatric Dentistry Integrated Clinical Practice Guide
	Resource 4	Lecture notes

Teaching Methods of the Rotation	Lecture	Discussion	Question-Answer	Observation	Experiment	Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team / Group Work	Brainstorming
	☒	☒	☒	☒	☐	☒	☒	☐	☐	☒	☒	☐

Rotation Content	Department	Subject	Activities	Resource	Hour
	Pedodontics & Orthodontics	Taking medical and dental anamnesis from the patient or patient's relative and recording the complaint	KRS	1-4	
		Deciding on the appropriate imaging technique for the case	KRS	1-4	
		Diagnosis is made with intra- and extraoral examination findings and radiographic evaluation.	KRS	1-4	
		Preparation of the patient's treatment plan	KRS	1-4	
		Explaining the treatment plan to the patient and/or patient relatives	KRS	1-4	
		Preoperative preparations	KRS	1-4	
		Providing age-appropriate brushing training to the child patient and his/her parent	KRS	1-4	
		Application of simple preventive treatments (fissure sealant, fluoride, etc.)	KRS	1-4	
		Clinical application of restorative procedures performed in enamel caries and superficial dentin caries	KRS	1-4	
		Observation of complex restorations	KRS	1-4	
		Uncomplicated milk tooth extraction	KRS	1-4	
		Orthodontic examination, examination and determination of orthodontic malocclusion types	KRS	1-4	
		Preparation of orthodontic plaster model	KRS	1-4	
		Introduction of orthodontic materials and forceps	KRS	1-4	
		Arch wire removal, bonding and debonding application	KRS	1-4	
		Reattaching broken tapes and brackets	KRS	1-4	
		Orthodontic model analysis	KRS	1-4	
		Cephalometric film drawing and analysis	KRS	1-4	
		Obtaining photographic records	KRS	1-4	
		Preparation of a case report	KRS	1-4	
	Multidisciplinary	OSCE	KRS	1-4	
		End-of-year general theoretical exam		1-4	
		Discussion session after the end-of-year general theoretical exam		1-4	

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
1	Patient Handover and Reporting	Provides eligibility to take the end-of-year case examination.	1-4	PC1-11

	2	OSCE Examination	15%	1-4	PC1-6, PC8-11
	3	Clinical Evaluation	15%	1-4	PC1-6, PC8-11
	4	Case Report Preparation	20%	1-4	PC1-6, PC8-11
	5	End-of-Year Case Examination	50%	1-4	PC1-6, PC8-11

Limitations of Using Artificial Intelligence	*** The block/course is not open to the use of AI-based tools.
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Workload and ECTS Calculation		
Educational Tool	Quantity	Student Workload (Hours)
Total Internship Hours	18	18x4
Preparation for the Internship	18	18x3
Preparation for the OSCE Exam	1	1x20
OSCE Exam	1	1x1
Preparation for the Final Examination	1	1x40
Final Examination	1	1x2
Preparation of the Case Report	1	1x40
Total Workload		229
Estimated ECTS Credit		7.6
Approximate ECTS Credit		~8

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY															
COURSE OUTLINE															
Course Code		Course Name				Course Type		Credit		ECTS					
RTP500		Research Techniques and Presentation				Compulsory		2		4					
Course Language		Course Type		Prerequisite		Year		Term		Attendance					
English		Face to face		-		5		Academic Year		80%					
Class Hours			Learning Sessions												
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)			Knowledge Reinforcement Sessions (KRS)			Remedial Sessions (RS)			Instructor-led Sessions (ILS)			
10	0	8	0			8			0			10			
Learning Outcomes of the Course	Upon completing this course, students will be able to;														
	LO 1	Describe the hypothesis formulation process and its components, and list the importance of hypotheses in scientific research.													
	LO 2	Determine the relationship of hypotheses to theories and laws, and distinguish the differences among them.													
	LO 3	Classify research types and list their characteristics, advantages, and disadvantages.													
	LO 4	Distinguish presentation types, determine their content, and list their design principles.													
	LO 5	List the features of programs used to design different types of presentations and select an appropriate design program.													
	LO 6	Design and deliver a scientific study collaboratively with team members according to the principles of poster and oral presentations.													
	LO 7	Evaluate academic presentations collaboratively with team members according to criteria related to content, design, and presentation performance.													
The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13	
	LO 1	1	1	1	1	1	1	1	1	1	1	5	1	1	
	LO 2	1	1	1	1	1	1	1	1	1	1	5	1	1	
	LO 3	1	1	1	1	1	1	1	1	1	1	5	1	1	
	LO 4	1	1	1	1	1	1	1	1	1	1	5	1	1	
	LO 5	1	1	1	1	1	1	1	1	1	1	5	1	1	
	LO 6	1	1	1	1	1	1	1	1	4	1	5	5	1	
	LO 7	1	1	1	1	1	1	1	1	4	1	5	5	1	
Level of Contribution / 1: None, 2: Weak, 3: Moderate, 4: Good, 5: Very Good															
Course Description	This course introduces students to the basic types of scientific research and the principles of effective literature searching in medical databases. It also guides students in preparing poster and oral presentations in accordance with scientific communication principles. Through practice-based and interactive activities, the course supports the development of academic presentation skills, collaborative working habits, and the ability to produce work as part of a team.														
Course Objectives	Objective 1	To teach the types of scientific research													
	Objective 2	To introduce literature search methods in medical databases and develop practical search skills													
	Objective 3	To develop skills in poster and oral presentation design and effective presentation techniques													
	Objective 4	To develop teamwork and collaborative production skills.													
Textbook / Resources	Reference 1	Abramson JH, Abramson ZH (2008). Research Methods in Community Medicine: Surveys, Epidemiological Research, Programme Evaluation, Clinical Trials. 6th ed. Wiley, England.													
	Reference 2	Kumar R (2018). A Step-by-Step Guide for Beginners. 5th Ed. SAGE.													
	Reference 3	Thomas CG (2021). Research Methodology and Scientific Writing. Springer.													
	Reference 4	Theobald T (2019). Develop Your Presentation Skills: How to Inspire and Inform with Clarity and Confidence. Kogan Page.													
	Reference 5	Alexandrov AV, Hennerici MG. How to Prepare and Deliver a Scientific Presentation. Cerebrovasc Dis 2013;35:202-208.													
	Reference 6	Erren TC, Bourne PE. Ten Simple Rules for a Good Poster Presentation. PLoS Comput Biol 2007;3(5):e102.													
	Reference 7	TÜBİTAK (2013). Handbook for Effective Presentations. TÜBİTAK. Available at: www.tubitak.gov.tr													
	Reference 8	Lecture notes													
Teaching Methods of the Course	Lecture	Discussion	Question and Answer	Observation	Experiment	Application /Practice	Case Study	Problem Solving	Project Design/Management	Report Preparation	Team/ Group Work	Brainstorming			
	☒	☒	☒	☐	☐	☒	☐	☐	☒	☐	☒	☐			
Course Content	Department		Subject					Activities		Resource		Hour			
	Multidisciplinary		Introduction to Research Methodology					ILS		1-8		1			
			Hypothesis, Theory, and Law					ILS		1-8		1			
			Types of Research					ILS		1-8		1			
			Types of Scientific Articles					ILS		1-8		1			
			Medical Databases					ILS		1-8		1			
			Reading and Interpreting Scientific Articles					ILS		1-8		1			
			Types of Presentations and Developing Presentation Content					ILS		1-8		1			
			Principles of Presentation and Visual Design					ILS		1-8		2			
			Software Used in Presentation Preparation					ILS		1-8		1			
			Poster Presentation					KRS		1-8		4			
			Oral Presentation					KRS		1-8		4			
			Midterm Examination							1-8		1			
Evaluation Criteria		Method	Contr. (%)		Resource		Relevant Qualifications								
	1	Midterm Examination		30%		1-8		PC9, PC11, PC12							
	2	Poster Presentation		30%		1-8		PC9, PC11, PC12							
	3	Oral Presentation		40%		1-8		PC9, PC11, PC12							
Limitations of Artificial Intelligence Usage	*** The block/course is not open to the use of artificial intelligence-based tools.														
Workload and ECTS Calculation															
Educational Tool									Quantity	Student Workload (Hours)					
Theoretical lecture hours									10	10x1					
Preparation for the course									10	10x0.5					
Preparation for the midterm examination									1	1x10					
Midterm examination									1	1x1					
Poster presentation preparation									1	1x30					
Poster presentation activity									1	1x4					
Peer and self-assessment of poster presentations									1	1x2					
Preparation for oral presentation									1	1x40					
Oral presentation activity									1	1x4					

Peer and self-assessment of oral presentations	1	1x2
Poster and oral presentation competition	1	1x4
Total Workload		112
Estimated ECTS Credit		3,73
Approximate ECTS Credit		~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COURSE OUTLINE

Course Code	Course Name		Course Type	Credit	ECTS
CSA500	Community Service Applications		Compulsory	2	4
Course Language	Course Type	Prerequisite	Year	Semester	Attendance
English	Face to face	-	5	Academic Year	80%

Class Hours			Learning Sessions			
Class Time	Laboratory	Application	Problem Solving Sessions (PSS)	Knowledge Reinforcement Sessions (KRS)	Remedial Sessions (RS)	Instructor-led Sessions (ILS)
7	0	17	0	12	0	12

Learning Outcomes of the Course	Upon completing this course, students will be able to;					
	LO 1	Identify current social issues.				
	LO 2	Develop projects aimed at addressing the identified social issues.				
	LO 3	Implement the projects individually and collaboratively.				
	LO 4	Recognize social responsibility projects conducted by various institutions and organizations.				
	LO 5	Develop a sense of social responsibility by participating in scientific events such as panels, conferences, congresses, and symposiums as an attendee, speaker, or organizer.				
	LO 6	Evaluate the outcomes of social responsibility projects.				

The Relationship between Learning Outcomes and Program Competencies		PC 1	PC 2	PC 3	PC 4	PC 5	PC 6	PC 7	PC 8	PC 9	PC 10	PC 11	PC 12	PC 13
	LO 1	1	1	1	1	1	1	1	1	1	1	1	1	3
	LO 2	1	1	1	1	1	1	1	1	1	1	1	3	4
	LO 3	1	1	1	1	1	1	1	1	2	1	1	3	4
	LO 4	1	1	1	1	1	1	1	1	2	1	1	3	3
	LO 5	1	1	1	1	1	1	1	1	2	1	1	3	3
	LO 6	1	1	1	1	1	1	1	1	1	1	1	3	4
Level of Contribution / 1: None, 2: Weak, 3: Moderate, 4: Good, 5: Very Good														

Course Description	This course is an applied social responsibility course designed to develop students' awareness of contributing to society, social awareness, project development skills, and teamwork abilities.
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Course Objectives	Objective 1	To develop students' ability to plan and organize activities that benefit society
	Objective 2	To enhance students' competence in developing solution-oriented projects for social issues
	Objective 3	To foster awareness of volunteering and responsibility for community service
	Objective 4	To strengthen effective communication, coordination, and leadership skills in activities carried out for the benefit of society
	Objective 5	To develop social awareness and empathy through social responsibility projects.

Textbook / Resources	Reference 1	Kuzucu K, Kamer T. (2009). Community Service Applications. Ankara: Pegem Akademi.
	Reference 2	Tijmsma G, Hilverda F, Scheffelaar A, Alders S, Schoonmade L, Blignaut N, Zweekhorst M. Becoming productive 21st century citizens: A systematic review uncovering design principles for integrating community service learning into higher education courses. Educational Research. 2020, 1;62(4):390-413.
	Reference 3	Lecture notes

Course Teaching Methods	Lecture	Discussion	Question and Answer	Observation	Experiment	Application / Practice	Case Study	Problem Solving	Project Design / Management	Report Preparation	Team/ Group Work	Brainstorming
	☒	☒	☒	☐	☐	☒	☐	☐	☒	☒	☒	☐

Course Content	Department	Subject	Activities	Resource	Hour
	Faculty of Education	Expectations from the course	TS	1-3	1
		Social responsibility	TS	1-3	1
		Forms	TS	1-3	1
		Community service	TS	1-3	1
		Research and project	TS	1-3	1
		Formation of groups	TS	1-3	1
		Project examples	TS	1-3	1
		Group assignment and collaboration	TS	1-3	5
		Field work	IRS	1-3	6
		Project presentation	IRS	1-3	6

Evaluation Criteria	Method	Contr. (%)	Resource	Relevant Qualifications
	1 Preparation of a portfolio	50%	1-3	PC9, PC12, PC13
	2 Project presentation	50%	1-3	PC9, PC12, PC13

Limitations of Artificial Intelligence Usage	*** The course is not open to the use of artificial intelligence-based tools.
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Workload and ECTS Calculation		
Training Tool	Quantity	Student Workload (Hours)
Theoretical course hour	7	7x1
Preparation for theoretical course	7	7x1
Practical course hour	17	17x1
Preparation for practical course	17	17x1
Individual oral presentation	1	1x20
Written assignment and portfolio	1	1x25
Research, self-assessment form preparation	1	1x20
Total Workload		113
Predicted ECTS		3,8
Approximate ECTS		~4

4. PRINCIPLES OF ASSESSMENT AND EVALUATION

4.1. Assessment

There are ten types of examinations: committee examinations, midterm examinations, final examinations, comprehensive year-end theoretical examinations, practical committee examinations, end-of-rotation examinations, make-up examinations, excused examinations, exemption examinations, and single-course examinations. These examinations may be conducted in written, oral, combined written and oral, and/or practical formats.

Committee Examination: A Committee Examination is administered by the relevant coordination office upon completion of each committee and covers all courses included within that committee. The grade obtained by a student is referred to as the Committee Result Grade. As the Committee Examination is multidisciplinary, it includes questions in the numbers and at the taxonomy levels specified in the relevant table of specifications. The examination may be conducted in an oral, written, or practical format. The weighted average of the Committee Examination grades accounts for 60% of the Theoretical Result Grade.

Midterm Examination: At least one midterm examination is administered for each university-wide compulsory course or elective course. The number, scope, format, and evaluation criteria of midterm examinations are determined by the Education Coordination Commission and the instructor responsible for the relevant course. Assignments, projects, and similar coursework completed during the course may be used in place of a midterm examination.

Final Examination for University-Wide Compulsory and Elective Courses: This is the examination administered upon completion of each university-wide compulsory course or elective course. No more than one final examination may be administered for the same course. The final examinations for courses offered during a semester are conducted at the end of the relevant semester. The scope, format, and evaluation criteria of the final examination are determined by the faculty member responsible for the course. A maximum of two final examinations for courses scheduled within the same academic year may be held on the same day.

End-of-Year Comprehensive Theoretical Examination: This is a comprehensive examination containing questions from all committees delivered during the academic year and is administered after all committees have been completed. To be eligible to take the Theoretical Committee Final Examination, a student must have active enrolment status in the programme and must have attended at least 70% of the courses within all committees. The examination contains questions proportionate to the weighting of each committee and at the taxonomy levels specified in the relevant tables of specifications. It may be conducted in written or oral form and includes questions from different disciplines and departments. A student who fails this examination is required to take the relevant resit examination.

Final Practical Examination: The final examination of the practical committees assesses the practical courses included in the practical committee of the relevant academic year. To be eligible to take this examination, a student must:

- have active enrolment status in the programme;
- have attended at least 80% of the practical committee; and
- have attended at least 60% of each course or subcommittee included within the practical committee.

The final Practical Committee Grade is calculated as the sum of 50% of the practical examination grades obtained during the academic year and 50% of the year-end practical examination grade. The result is announced as a letter grade. To pass the practical committee, the student must achieve a minimum success rate of 50% in the practical subcommittee of each department. A student who fails to meet this requirement must take the resit examination for the practical subcommittee of the relevant department. If the student is unsuccessful in the resit examination, the entire practical committee must be repeated.

End-of-Rotation Examination: At the end of each clerkship, Year 4 and Year 5 students take a theoretical and/or practical examination conducted in accordance with the criteria established by the relevant department. The theoretical component may be conducted in written and/or oral form.

Make-up / Resit Examination: Resit examinations are administered for the Theoretical Committee Final Examination, the Practical Committee Final Examination, the final examinations of elective and university-wide compulsory courses, and clinical clerkship final examinations. There must be an interval of at least fifteen calendar days between a final examination and its corresponding resit examination. A theoretical resit examination may be conducted in written and/or oral form. The grade obtained in the resit examination replaces the grade obtained in the original examination. Where a student takes the resit examination for an examination they have already passed in order to improve their grade, the grade obtained in the resit examination shall be considered valid.

Excused Examination: A valid excuse may be accepted for any examination. To be considered excused, however, the student must provide official documentation substantiating the circumstances, and the excuse must be approved by the Dean's Office. Students granted the right to take a make-up examination shall take the examination on the date, at the time, and in the location determined by the Dean's Office.

Single-Course Examination: The Single-Course Examination is an examination opportunity granted to Year 5 students who have successfully completed all other graduation requirements but, despite fulfilling the attendance requirements, have failed one course, committee, practical application, or clinical practice. Students must submit a formal petition to exercise this right. The examination is administered before the commencement of the following semester.

4.2. Evaluation

The examination conducted at the end of each committee determines the Committee Result Grade. A student's Theoretical Result Grade for the entire academic year is calculated by adding:

- 60% of the weighted average of the Committee Result Grades; and
- 40% of the Theoretical Committee Final Examination grade.

Accordingly, each student receives a single theoretical grade for the academic year, which is recorded on the academic transcript. When calculating the year-end grade point average, the ECTS credits assigned to

all relevant theoretical committees by the Faculty Education Coordination Commission are used.

The Practical Committee Examination Result is calculated by taking the average of the grades obtained from the practical examinations of the courses included within the practical committee. Accordingly, each student receives a single practical grade for the academic year, which is recorded on the academic transcript. When calculating the year-end grade point average, the ECTS credits assigned to the relevant practical committee by the Faculty Education Coordination Commission are used.

The grades obtained from university-wide compulsory courses and elective courses taken during the academic year are also recorded on the academic transcript. The final grade for these courses is calculated by adding:

- 40% of the average of the midterm examination grades; and
- 60% of the final examination grade.

Where the calculated result includes a half point, it is rounded up to the next whole number. Results are shown on the academic transcript solely as letter grades.

In Years 4 and 5, each clinical rotation is graded separately on the basis of the end-of-rotation examination and the final examination of the relevant rotation. The grade obtained from each clerkship is recorded on the academic transcript as a letter grade.

The committees included in the Faculty's education and training programme are prerequisite committees, and a year-based progression system is applied. A student who fails either the comprehensive theoretical committee or the practical committee may not take committee courses from the following year. The student must repeat the failed committee during the next academic year.

Students' annual grade point averages are calculated at the end of each academic year. To calculate the annual GPA, the coefficient corresponding to the student's comprehensive theoretical letter grade; comprehensive practical letter grade; university-wide compulsory course letter grades, where applicable; and elective course letter grades, where applicable, is multiplied by the relevant ECTS credits. The resulting values are added together and divided by the total number of annual credits, which is 60 ECTS. The resulting value constitutes the student's annual grade point average. The cumulative grade point average, or cGPA, is equal to the average of the annual grade point averages. Students whose cGPA is 2.00 or above are considered successful in all courses other than those for which they have received an FF grade.

4.3. Examination Rules

Examinations at the Faculty of Dentistry are conducted in accordance with the following rules in order to safeguard the reliability of educational processes, uphold academic ethics, and ensure equality and fairness. All students are required to read and comply with these rules before participating in examinations.

1. General Principles

- An examination taken by a student who is not entitled to participate shall be deemed invalid. The student may not claim any rights arising from such an examination.
- The examination timetable is prepared by the Faculty, and all related responsibilities are undertaken by the relevant administrative and academic units.
- Oral examinations may not be conducted by a single instructor. At least two members of the academic staff must be present.
- The Dean's Office announces the location and time of examinations at least one week in advance.

2. Examination Attendance and Required Documentation

- Students must bring their examination admission document, identification card, and all equipment required for the examination.
- Mobile phones, smart watches, headphones, tablets, digital devices, and electronic storage devices are strictly prohibited in examination venues.
- The examination of a student found to have entered the examination venue with a prohibited device shall be deemed invalid, and disciplinary proceedings may be initiated where necessary.

3. Rules Governing Entry to the Examination Venue

- Students must be present in the examination venue at least 15 minutes before the examination begins.
- Students may be admitted during the first 15 minutes after the examination has begun. After this period, no student shall be admitted.
- Bags, books, notebooks, USB drives, headphones, smart watches, tablets, mobile phones, and other digital or portable storage devices may not be brought into the laboratory.
- Before the examination begins, students must sit at the computers assigned to them. Students may not change seats without the permission of an invigilator.

4. Rules to Be Observed During Examinations

- Speaking, looking at another student's examination paper or computer screen, using gestures or signals, or attempting to cheat shall result in the invalidation of the examination and may lead to disciplinary proceedings.
- Students may not leave the examination venue during the first 30 minutes of the examination.
- All identification details and required fields on the examination booklet and answer sheet must be completed in full.
- Failure to comply with the instructions of invigilators constitutes a disciplinary offence.
- Students may not alter the screen, keyboard, or system settings of the computer during the examination. Changing the screen brightness, dividing the screen, opening a new browser tab, taking screenshots, and similar actions are prohibited.
- In the event of a computer, system, or internet failure, the student must immediately notify an invigilator. Such technical problems shall be formally documented and evaluated by the relevant coordination office.
- Usernames and passwords required to access the examination system must be kept confidential. Sharing passwords is strictly prohibited.

- At the end of the examination, students must show the screen to an invigilator, properly submit and terminate the examination, and log out of the system.
- Before leaving the laboratory, students must ensure that no applications remain open on the computer.

5. Clinical and Preclinical Examinations

- During clinical and preclinical examinations, students must bring their clinical coat, personal protective equipment, and all required instruments.
- Any conduct that compromises sterilisation procedures or the safety and integrity of examination models shall result in the invalidation of the examination.
- During oral and practical examinations, communication must be limited exclusively to the assessment team.

6. Administration of Examinations and Announcement of Results

- The relevant coordination office or course coordinator is responsible for administering the examination and organising all associated procedures.
- The coordination office and course coordinator are responsible not only for conducting the examination but also for announcing the results accurately and within the prescribed period.

7. Post-Examination Procedures

- At the end of the examination, students must return all examination materials.
- The examination of a student who fails to submit the answer sheet shall not be evaluated.
- Students are prohibited from using marks, symbols, or any other identifying signs in place of their personal details on examination materials.

8. Right of Appeal

- Students have the right to submit a written appeal to the Dean's Office within one week following the announcement of examination results.
- Students whose appeals are accepted shall be informed by the coordinator of the relevant examination within no more than five working days.
- Where clerical errors, defective questions, or evaluation errors are identified, the necessary corrections shall be made.

9. Disciplinary Provisions

- Disrupting the order of an examination, cheating or attempting to cheat, and possessing an unauthorised device are disciplinary offences.
- In such cases, the provisions of the Student Disciplinary Regulations for Higher Education Institutions shall apply.

10. Additional Provisions

- These rules may be updated by the Faculty administration when necessary.
- In circumstances not addressed in these rules, the relevant Faculty directives and University regulations shall apply.

4.4. Letter Grade Conversion Table

For each course taken, one of the following letter grades is assigned by the relevant instructor as the final course grade. The coefficients and corresponding scores out of 100 are provided below.

Score	Letter Grade	Coefficient
90-100	AA	4
84-89	BA	3.5
76-83	BB	3
68-75	CB	2.5
60-67	CC	2
55-59	DC	1.5
50-54	DD	1
49 ve aşağısı	FF	0

Additional Grade Designations: I – Incomplete, P – In Progress, EX – Exempt, W – Withdrawn, NA – Non-Attendance

The **I grade** is assigned by the faculty member to a student who has been successful during the semester but has been unable to complete the course requirements because of illness or another valid reason. A student who receives an I grade must complete the outstanding requirements and receive a final grade within 15 days of the date on which grades are submitted to the Directorate of Student Affairs. Otherwise, the I grade automatically becomes an FF grade. In cases of prolonged illness or similar circumstances, the deadline for completing an I grade may be extended until the beginning of the following registration period upon the recommendation of the Head of Department and the approval of the Faculty Administrative Board. The **P grade** is assigned to students who are continuing a course for which no contribution is made to the grade point average. The **U grade** is assigned to students who have been unsuccessful in courses that do not contribute to the grade point average. The **EX grade** is assigned to students who are deemed highly successful in an exemption examination administered by the relevant department for courses designated by the Senate and are consequently exempted from those courses. The EX grade is not included in the grade point average but is shown on official academic records. The **NA grade** is assigned to students who have registered for a course but have failed to meet its attendance requirements. Final course grades are announced by the Directorate of Student Affairs.

5. STUDENT ADMISSION AND REGISTRATION REQUIREMENTS

All applications relating to admission and registration at Near East University must be submitted to the University's Directorate of Student Admission and Registration. Application periods are announced by the University. Citizens of the Republic of Türkiye may register at the University on the basis of the results of the annual higher education entrance examination. Citizens of the Turkish Republic of Northern Cyprus and international applicants may register on the basis of special examinations administered by the University. Applicants who have obtained the right to register must complete the required documentation listed below and complete their registration within the announced registration period.

Documents Required for Registration:

- Higher education entrance examination result document
- Original high school diploma or recently issued graduation certificate
- Photocopy of the national identity card

- Certificate of residence
- Military service status certificate
- Twelve passport-size photographs
- Any additional documents to be determined and announced by the University before registration

Applicants seeking admission to Near East University Faculty of Dentistry must meet the following requirements:

- They must have graduated from a high school or an equivalent vocational secondary school. Diplomas obtained from secondary schools outside the country must be officially recognised as equivalent by the relevant Ministry of National Education.
- They must have obtained the right to register at Near East University Faculty of Dentistry for the relevant academic year on the basis of the higher education entrance examination results.
- Alternatively, they must have obtained the right to register at Near East University Faculty of Dentistry for the relevant academic year on the basis of an examination administered by the University.

6. HORIZONTAL AND VERTICAL TRANSFER OPPORTUNITIES

Students wishing to register at the Faculty through horizontal or vertical transfer must submit their applications to the Student Affairs Office. Following approval of the application, the student must submit the official transcript issued by their previous university to the programme to which they have been admitted. Before the commencement of education, the equivalence between the courses completed at the student's previous institution and the courses offered in the current programme is reviewed and determined by the relevant Head of Department, the Dean, and the academic adviser. For citizens of the Republic of Türkiye, the conditions governing transfer to Near East University are determined in accordance with the regulations of the Council of Higher Education and the University. Further information is available through the following resources:

- [Council of Higher Education – Regulations Governing Horizontal Transfer](#)
- [Near East University – Horizontal Transfer Regulation, dated 29 May 2023](#)

7. ASSESSMENT AND RECOGNITION OF PRIOR LEARNING

Full-time students at Near East University may be exempted from certain courses in accordance with the Near East University Exemption and Course Transfer Regulation. Where the content of a course previously completed at another higher education institution is equivalent to that of a course offered at Near East University, the student may be exempted from the course following evaluation of the course content by the Faculty of Dentistry Horizontal Transfer and Course Adaptation Commission and approval by the Faculty Administrative Board.

8. INTERNATIONAL PROGRAMMES AND EXCHANGE OPPORTUNITIES

In accordance with its internationalisation vision, the Faculty offers a wide range of opportunities supporting student mobility. The **Northern Cyprus Association of Dental Students**, or NCADS, which operates within Near East University Faculty of Dentistry, is a full member of the International Association of Dental Students, or IADS, one of the world's largest international dental student organisations. Through IADS membership, students are able to participate in international exchange programmes,

summer schools, clinical and preclinical placement exchanges, and various scientific and cultural activities offered on a regular basis each year. These programmes make a significant contribution to students' ability to become familiar with dental faculties in different countries, experience diverse clinical practices, engage in cultural exchange, and develop professional networks at the international level. Students participating in IADS exchange opportunities under the coordination of NCADS enrich their education by acquiring an international perspective in both academic and personal terms. Within this framework, the Faculty regards strengthening student mobility and enhancing the global competencies of future dental practitioners as one of its principal objectives.

9. PROGRAMME ACCREDITATION AND QUALITY ASSURANCE

9.1. Quality Policy

Near East University Faculty of Dentistry formulates its quality policy in accordance with its mission and vision of providing education, research, and healthcare services in line with national and international standards. The Faculty aims to provide high-quality oral and dental healthcare services to society, contribute to the advancement of dental science, and educate graduates who are professionally competent, respectful of ethical values, and committed to lifelong learning.

- **Quality of Education:** Educational programmes are continuously reviewed and updated to support the development of students' professional competencies and humanitarian values.
- **Research and Development:** The scientific activities of academic staff are encouraged, and the generation of valid and reliable knowledge through scientific research aimed at improving healthcare services is actively supported.
- **Quality of Healthcare Services:** The Faculty aims to protect and improve the oral and dental health of society by applying current diagnostic and treatment methods grounded in scientific evidence. Continuous efforts are made to enhance patient satisfaction and the quality of services provided.
- **Continuous Improvement:** By adopting continuous improvement and innovation as fundamental principles across all activities, the Faculty aims to preserve and further develop high standards of quality in education, research, and healthcare services in collaboration with its stakeholders.

Through its commitment to the quality management system, the Faculty embraces a culture of continuous development and excellence and strives to provide the highest possible standard of service to society.

9.2. Programme Accreditation Process

The Faculty of Dentistry has entered the accreditation process of the Association for Accreditation of Dental Education Programmes, or DEPAD, with the aim of strengthening quality assurance at the national level and continuously improving its educational standards. Within this framework, comprehensive preparatory activities are being conducted in accordance with the criteria established by DEPAD, and the process is being implemented with due care and diligence. In compliance with accreditation requirements, ongoing work encompasses a broad range of areas, including:

- the periodic determination and revision of programme educational objectives;
- the implementation of student-centred teaching and learning approaches;

- the enhancement of academic staff qualifications and support for continuing professional development;
- the standardisation of clinical and preclinical practices;
- the improvement of educational environments; and
- the effective operation of assessment, evaluation, and quality assurance mechanisms.

By completing the DEPAD accreditation process, the Faculty aims to strengthen the programme's full alignment with national standards and ensure the sustainability of excellence in dental education.

9.3. Quality of Education

The educational programme of the Faculty of Dentistry is reviewed at regular intervals and continuously updated in response to the dynamic nature of the discipline, technological developments, and current professional requirements. Within this context, the content of theoretical, preclinical, and clinical courses is evaluated, and new courses and educational components addressing contemporary dental practices are incorporated into the curriculum. Course content is kept scientifically and technologically current in line with developments in digital dentistry and biomaterial science, new-generation diagnostic and therapeutic approaches, and revisions to clinical protocols. Courses that have become functionally obsolete or are no longer sufficiently relevant are removed from the programme in order to preserve curricular coherence and efficiency. This process of review and renewal is conducted systematically with the participation of Faculty boards and commissions, Heads of Departments, clinical supervisors, the Quality Commission, students, members of the Rectorate, and external stakeholders, including graduates, professional associations, non-governmental organisations, and industry representatives. Feedback mechanisms, student satisfaction surveys, assessment and evaluation results, and accreditation criteria are also reviewed regularly, thereby establishing a scientific and structural framework for the continuous improvement of the programme. Through this approach, the Faculty of Dentistry aims to offer a programme that both complies with national standards and contributes to shaping contemporary dental education.

9.4. Research and Development Activities

In accordance with its quality policy, the Faculty of Dentistry attaches considerable importance to scientific and innovative research and development activities grounded in contemporary educational principles. These activities, which aim to improve the quality of the teaching and learning process, are conducted within a framework encompassing effective teaching methods, the use of current educational technologies, assessment and evaluation practices, and inclusive, student-centred approaches. Research and development activities are structured to support dental students' clinical skills, critical-thinking and problem-solving competencies, and lifelong-learning capabilities. Within this framework, coherence and continuity are established between theoretical knowledge and clinical practice.

9.5. Continuous Improvement Process

As part of its quality assurance framework, the Faculty of Dentistry conducts its educational activities in accordance with the principle of continuous improvement. Course content, teaching methods, and clinical practice processes are reviewed regularly in light of feedback received from students, graduates, and other stakeholders. Educational activities are updated on the basis of the data obtained, and programmes and practices designed to enhance the clinical and professional competencies of dental students are planned

and implemented. This process aims to ensure that graduates are equipped with current knowledge and skills and that their continuing professional development is supported.

10. GRADUATION REQUIREMENTS AND DEGREE AWARDED

10.1. Graduation Requirements

Students become eligible for graduation upon fulfilling the requirements specified in the Faculty of Dentistry Directive on Student Registration, Education, Training, and Examinations, together with all obligations prescribed by the educational programme. A student is eligible to graduate upon:

- successfully completing 300 ECTS credits, including compulsory, university-wide compulsory, and elective courses;
- achieving a cumulative grade point average above 2.00; and
- having no courses graded FF.

10.2. Degree Awarded

The diploma awarded by Near East University Faculty of Dentistry is a Master's Degree Diploma in Dentistry, following a five-year programme of education and training. Graduates are awarded the professional title of Dentist.

11. DIPLOMA SUPPLEMENT

Diploma Supplement for the Faculty of Dentistry undergraduate program is presented in the attachment.

12. EMPLOYMENT OPPORTUNITIES FOR GRADUATES AND ACCESS TO POSTGRADUATE PROGRAMMES

12.1. Employment Opportunities for Graduates

Graduates holding the professional title of Dentist may work in public healthcare institutions, hospitals, and private dental clinics, or may practise independently as self-employed dental practitioners.

12.2. Access to Postgraduate Programmes

As graduates are awarded a master's-level degree, they may apply to doctoral programmes offered by universities in relevant fields. They may also apply for specialist training in a particular field of dentistry through the **Specialisation Examination in Dentistry**, commonly referred to as **DUS**. Admission requirements for doctoral and specialist training programmes may vary from one country to another.

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
DIPLOMA SUPPLEMENT

Diploma No:	Date of Diploma:
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1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1. Family name(s):	1.3. Place and date of birth:
1.2. Given name(s):	1.4. Student identification number:

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1. Name of the qualification and (if applicable) the title conferred Doctor of Dental Surgery	2.4. Name and type of institution administering studies Same as 2.3.
2.2. Main field(s) of study for qualification Faculty of Dentistry	2.5. Language(s) of instruction/examinations English / Turkish
2.3. Name and status of awarding institution Near East University, Private University	

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1. Level of qualification First Cycle (bachelor's degree)	3.2. Official length of program Doctor of Dental Surgery (DDS) degree is a five-year program (300 ECTS) in the Near East University Faculty of Dentistry. One year consists of 28 weeks.
3.3. Access requirement(s) Admission of Turkish nationalities to higher education is based on a nation-wide Student Selection Examination (YKS) administered by the Higher Education Council of Turkey (YÖK). Admission of Turkish Republic of Northern Cyprus nationals is based on the Near East University Entrance and Placement Exam for Turkish Cypriots. Admission of foreign students is based on their high school credentials. Proof of English language proficiency is also required.	

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1. Mode of study Full-Time	4.2. Program requirements A student is required to have a minimum cGPA of 2.00/4.00 and no failing grades (FF).
4.3. Objectives The Near East University Faculty of Dentistry is envisioned to be recognized as a center of Excellence in dental education and eventually to be known in the international dental community for its world-class, globally competitive graduates. Through excellence in teaching, our mission is to educate nationally and internationally recognized future dentists and specialists who aspire to leadership in dentistry. The Near East University Faculty of Dentistry strives to develop scientifically based, self-confident, competitive, socially and ethically sensitive dental professionals with a strong commitment to Atatürk's principles. Thus, envisioning the faculty as a destination of choice for all aspiring undergraduate and graduate students: our objective is to enhance technical skills of the future dentists, to provide excellent patient care, and to instill proper attitudes with a strong commitment to the ideals of the dental profession.	

4.4. Program details and the individual grades / marks obtained

YEAR 1 COURSES							
KOD	DERS ADI	CODE	COURSE NAME	M/E	LC	ECTS	Grade
DTB100	1. Sınıf Teorik Blokları	DTC100	Year 1 Theoretical Committees	M	13	26	
	• KB1 – Diş Hekimliğine Giriş		• CS1- Introduction to Dentistry				
	• KB2- Diş Anatomisi ve Morfolojisi		• CS2- Dental Anatomy and Morphology				
	• KB3 – Dental Dokular ve Maddeler Bilgisi		• CS3- Dental Tissues and Material Science				
	• TT1 – Yaşamın Temeli ve Hücre		• BMS1- Cellular Base of Life				
	• TT2 – Doku ve Embriyoloji		• BMS2- Tissue and Embryology				
	• TT3 – Kardiyovasküler Sistem ve Solunum Sistemi		• BMS3- Cardiovascular and Respiratory Systems				
	• TT4 – Gastrointestinal Sistem ve Metabolizma		• BMS4- Gastrointestinal System and Metabolism				
	• TT5 – Ürogenital Sistem ve Endokrin Sistem		• BMS5- Urogenital and Endocrine Systems				
DPB100	1. Sınıf Pratik Bloğu	DPC100	Year 1 Practical Committee	M	5	10	
TUR100	Türk Dili	YİT100	Turkish Language	M	4	4	
AİT100	Atatürk İlkeleri ve İnkılap Tarihi	AİT200	Atatürk's Principles and History of Turkish Revolution	M	4	4	
İNG100	İngilizce	ENG100	English	M	4	6	
KAR100	Kariyer Planlama	CAR100	Career Planning	M	1	2	
KAM100	Kampüse Uyum	CAM100	Campus Orientation	M	1	2	
BTE100	Diş Hekimliğinde Bilişim Teknolojileri	ITE100	Information Technologies in Dentistry	M	1	2	
KTK100	Kıbrıs Kültürü ve Tarihi (Seçmeli Ders I)	CHC100	Cyprus: History and Culture (Elective Course I)	ME	1	2	
***000	Seçmeli Ders IV	***000	Elective Course IV	E	1	2	
TOTAL					35	60	

YEAR 2 COURSES							
KOD	DERS ADI	CODE	COURSE NAME	M/E	LC	ECTS	Grade
DTB200	2. Sınıf Teorik Blokları	DTC200	Year 2 Theoretical Committees	M	12	24	
	• KB1- Dental Doku Hastalıkları ve Tedavileri I		• CS1- Dental Tissue Diseases and Treatments- I				
	• KB2 – Sabit Protetik Restorasyonlar		• CS2- Fixed Prosthetic Restorations				
	• KB3- Dental Doku Hastalıkları ve Tedavileri II		• CS3- Dental Tissue Diseases and Treatments- II				
	• KB4 – Dental Doku Hastalıkları ve Tedavileri III		• CS4- Dental Tissue Diseases and Treatments- III				
	• TT1 – Hastalıkların Temeli I		• BMS1- Basics of Diseases- I				
	• TT2 – Merkezi Sinir Sistemi		• BMS2- Central Nervous System				
	• TT3 – Hastalıkların Temeli II		• BMS3- Basics of Diseases- II				
DPB200	2. Sınıf Pratik Blokları	DPC200	Year 2 Practical Committees	M	10	20	
	• PB1 – Restoratif Diş Tedavisi		• PC1- Restorative Dentistry				
	• PB2- Endodonti		• PC2- Endodontics				
	• PB3 – Ağız, Diş ve Çene Radyolojisi		• PC3- Dentomaxillofacial Radiology				
	• PB4 – Protetik Diş Tedavisi		• PC4- Prosthodontics				
DİB200	İletişim Becerileri	DCS200	Communication Skills in Dentistry	M	1	2	
***000	Seçmeli Ders I	***000	Elective Course I	E	2	4	
***000	Seçmeli Ders II	***000	Elective Course II	E	2	4	
***000	Seçmeli Ders III	***000	Elective Course III	E	2	4	
***000	Seçmeli Ders IV	***000	Elective Course IV	E	1	2	
TOTAL					30	60	

YEAR 3 COURSES							
KOD	DERS ADI	CODE	COURSE NAME	M/E	LC	ECTS	Grade
DTB300	3. Sınıf Teorik Blokları	DTC300	Year 3 Theoretical Committees	M	9	18	
	• KB1- Muayene		• CS1- Examination				
	• KB2- Hareketli Protezler		• CS2- Removable Prosthesis				
	• KB3- Periodontal Tedavi		• CS3- Periodontal Treatment				
	• KB4- Dental Doku Hastalıkları ve Tedavileri IV		• CS4- Dental Tissue Diseases and Treatments IV				
	• KB5- Ağız Diş ve Çene Cerrahisi, Lokal Anestezi		• CS5- Oral Maxillofacial Surgery, Local Anesthesia				
	• KB6- Dental Doku Hastalıkları ve Tedavileri V		• CS6- Dental Tissue Diseases and Treatments- V				
	• KB7- Sistemik Hastalıklar		• CS7- Systemic Diseases				
	• KB8- Ortodontik Yaklaşımlar		• CS8- Orthodontic Approaches				
DPB300	3. Sınıf Pratik Blokları	DPC300	Year 3 Practical Committees	M	17	34	
	• PB1- Restoratif Diş Tedavisi Preklinik		• PC1- Restorative Dentistry				
	• PB2- Protetik Diş Tedavisi Preklinik		• PC2- Prosthodontics				
	• PB3- Endodonti		• PC3- Endodontics				
	• SPB1- Restoratif Diş Tedavisi Simülasyon		• SPC1- Restorative Dentistry Simulation				
	• SPB2- Protetik Diş Tedavisi Simülasyon		• SPC2- Prosthodontics Simulation				
	• SPB3- Ortodonti Simülasyon		• SPC3- Orthodontics Simulation				
	• SPB4- Anestezi		• SPC4- Anesthesia				
	• SPB5- Periodontoloji Simülasyon		• SPC5- Periodontology Simulation				
	• SPB6- Pedodonti Simülasyon		• SPC6- Pedodontics Simulation				
DKB300	Klinik ve Tanısal Beceriler	DCS300	Diagnostic and Clinical Skills	M	2	4	
***000	Seçmeli Ders	***000	Elective Course	E	2	4	
TOTAL					30	60	

YEAR 4 COURSES							
KOD	DERS ADI	CODE	COURSE NAME	M/E	LC	ECTS	Grade
DTB400	4. Sınıf Teorik Blokları	DTC400	Year 4 Theoretical Committees	M	8	16	
	KB1- Çocuk Diş Hekimliği ve Ortodonti		CS1 - Pediatric Dentistry and Orthodontics				
	KB2- Renk ve Estetik		CS2 - Color and Esthetics				
	KB3- Protetik Diş Tedavisinde İleri Aşamalar		CS3 - Advanced Procedures in Prosthetic Dentistry				
	KB4- Oral Enfeksiyonlar ve Maligniteler I		CS4 - Orofacial Infections and Malignancies I				
	KB5- Temporomandibular Eklem, Travma ve Ağrı		CS5 - TMJ, Trauma, and Pain				
	KB6- İleri Cerrahi Yaklaşımlar		CS6 - Advanced Surgical Procedures				
	KB7- Oral Enfeksiyonlar ve Maligniteler II		CS7 - Orofacial Infections and Malignancies II				
	TB- Biyoistatistik ve Etik		BMS - Biostatistics and Ethics				
Stajlar	DKS401- Ağız, Diş ve Çene Cerrahisi	Clinical Rotations	DCR401 - Oral and Maxillofacial Surgery	M	2	4	
	DKS402- Ağız, Diş ve Çene Radyolojisi		DCR402 - Dentomaxillofacial Radiology	M	2	4	
	DKS403- Endodonti		DCR403 - Endodontics	M	2	4	
	DKS404- Ortodonti		DCR404 - Orthodontics	M	1	2	
	DKS405- Pedodonti		DCR405 - Pedodontics	M	2	4	
	DKS406- Periodontoloji		DCR406 - Periodontology	M	1	2	
	DKS407- Protetik Diş Tedavisi		DCR407 - Prosthodontics	M	2	4	
	DKS408- Restoratif Diş Tedavisi		DCR408 - Restorative Dentistry	M	2	4	
KDH400	Kanıtı Dayalı Diş Hekimliği	EBD400	Evidence Based Dentistry	M	2	4	

TADS400	Toplum Ağız ve Diş Sağlığı	COH400	Community Oral Dental Health	M	2	4	
***000	Seçmeli Ders	***000	Elective Course	E	2	4	
***000	Seçmeli Ders	***000	Elective Course	E	2	4	
TOTAL					30	60	

YEAR 5 COURSES

KOD	DERS ADI	CODE	COURSE NAME	M/E	LC	ECTS	Grade
DTB500	5. Sınıf Teorik Blokları	DTC500	Year 5 Theoretical Committees	M	4	8	
	KB1- Güncel Yaklaşımlar ve Oral İmplantoloji		CS1 - Current Approaches and Oral Implantology				
	KB2- Geriatri ve Maksillofasiyal Protezler		CS2 - Geriatrics and Maxillofacial Prostheses				
	KB3- Sağlık Hizmetlerinde Kalite ve Muayenehane Yönetimi		CS3 - Quality and Practice Management in Health Services				
	KTB1- Klinik Tıp Bilimleri I		CMS1 - Clinical Medical Sciences I				
	KTB2- Klinik Tıp Bilimleri II		CMS2 - Clinical Medical Sciences II				
DEK500	Erişkin Entegre Klinik	DAC500	Dentistry Adult Integrated Clinic	M	14	28	
DCK500	Çocuk Entegre Klinik	DCC500	Pediatric Dentistry Integrated Clinic	M	4	8	
ATS500	Araştırma Teknikleri ve Sunum	RTP500	Research Techniques and Presentation	M	2	4	
THU500	Topluma Hizmet Uygulamaları	CSA500	Community Service Applications	M	2	4	
***000	Seçmeli Ders	***000	Elective Course	E	2	4	
***000	Seçmeli Ders	***000	Elective Course	E	2	4	
TOTAL					30	60	

4.5. Grading scheme, grade translation and grade distribution guidance

For each course taken, the student is assigned one of the following grades by the course teacher.

For A.Sc., B.Sc. or B.A. degrees, students must obtain at least DD or S from each course and have a cumulative graduate point average (cGPA) of not less than 2.00 out of 4.00 and have completed all the courses and summer practices in the program. For graduate degrees, students must obtain at least CC or S from each course for M.Sc. and M.A., at least BB for Ph.D. They also need to have a cGPA of 3.00 to graduate. The student's standing is calculated in the form of a GPA and cGPA and is announced at the end of each semester by the Registrar's Office. The total credit points for a course are obtained by multiplying the coefficient of the final grade by the credit hours. To obtain the GPA for any given semester, the total credit points are divided by the total credit hours. The averages are given up to two decimal points. Students who obtain a cGPA of 3.00-3.49 at the end of a semester are considered as "Honor Students" and those who obtain a cGPA of 3.50-4.00 at the end of a semester are considered as "High Honor Students" and this is recorded in their academic report. The letter grades, the quality point equivalents are:

Percentage	Course Grade	Grade Points	
90-100	AA	4	Excellent
84-89	BA	3.5	Excellent
76-83	BB	3	Very good
68-75	CB	2.5	Very good
60-67	CC	2	Good
55-59	DC	1.5	Average
50-54	DD	1	Average
49-and below	FF	0	Failed

4.6 Overall classification of the award

Successful

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study May apply to second cycle programs.	5.2. Professional status conferred This degree enables graduates to exercise their profession.
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6. ADDITIONAL INFORMATION

6.1. Additional information The five-year curriculum of dental education consisted of 3 pre-clinical years followed by 2 years of clinical internship. Students receive compulsory and elective courses throughout their education.	6.2. Sources for further information Faculty web site: http://dentistry.neu.edu.tr/ University web site: https://neu.edu.tr/ Higher Education Council of North Cyprus: https://yodak.gov.ct.tr/ Higher Education Council of Turkey: https://www.yok.gov.tr/en
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7. CERTIFICATION OF THE SUPPLEMENT

7.1. Certification Date	
7.2. Name and signature	Ümit Serdaroğlu
7.3. Capacity	Registrar
7.4. Official Stamp or Seal	

8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

The basic structure of the North Cyprus Education System consists of four main stages: pre-school education, primary education, secondary education, and higher education, as depicted below. Pre-school education consists of non-compulsory programs whereas primary education is a compulsory 8-year program for all children beginning from the age of 6. The secondary education system includes "General High Schools" and "Vocational and Technical High Schools".

The Higher Education System in North Cyprus is regulated by the Higher Education Planning, Evaluation, Accreditation and Coordination Council (Yükseköğretim Planlama, Denetleme, Akreditasyon ve Koordinasyon Kurulu – YÖDAK). Established in 1988, the Council regulates the activities of higher education institutions with respect to research, governing, planning, and organization. Higher education institutions are established within the framework of the Higher Education Law. All programs of higher education should be accredited by YÖDAK. Higher education in North Cyprus comprises all post-secondary higher education programs, consisting of short, first, second, and third cycle degrees in terms of terminology of the Bologna Process. The structure of North Cyprus higher education degrees is based on a two-tier system, except for dentistry, pharmacy, medicine and veterinary medicine programs which have a one-tier system. The duration of these one-tier programs is five years except for medicine which lasts six years. The qualifications in these one-tier programs are equivalent to the first cycle (bachelor's degree) plus secondary cycle (master's degree) degree. Undergraduate level of study consists of short cycle (associate degree) - (ön lisans derecesi) and first cycle (bachelor's degree) - (lisans derecesi) degrees which are awarded after the successful completion of full-time two-year and four-year study programs, respectively.

The graduate level of study consists of second cycle (master's degree) – (yüksek lisans derecesi) and third cycle (doctorate) – (doktora derecesi) degree programs. The second cycle is divided into two sub-types named master without thesis and master with thesis. Master programs without thesis consist of courses and semester projects. The master programs with a thesis consist of courses, a seminar, and a thesis. Third cycle (doctorate) degree programs consist of completion of courses, passing a qualifying examination and a doctoral thesis. Specializations in dentistry, accepted as equivalent to third cycle programs, are carried out within the faculties of dentistry. Specialization in medicine, accepted as equivalent to third cycle programs are carried out within the faculties of medicine, and university hospitals and training hospitals operated by the Ministry of Health.

Universities consist of graduate schools (institutes) offering second cycle (master's degree) and third cycle (doctorate) degree programs, faculties offering first cycle (bachelor's degree) programs, four-year higher schools offering first cycle (bachelor's degree) degree programs with a vocational emphasis and two-year vocational schools offering short cycle (associate degree) degree programs of strictly vocational nature.

Second cycle degree holders may apply to third cycle programs if their performance at the first cycle degree level is exceptionally high and their national central Graduate Education Entrance Examination (ALES) score is also high, and their application is approved. The doctoral degree is conferred subject to at least one publication in a cited and referred journal.

