NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
2022-2023 ACADEMIC YEAR COURSE CONTENTS

CODE	COURSE NAME	Pre.	C/E	T	P	ECTS
DTC400	**Year 4 Theoretical Committees**	DTC300 DPC300 DCS300	C	**232**	**0**	**16**
	CS1 - Pediatric Dentistry and Orthodontics			35	0	2
	CS2 - Color and Esthetics			16	0	1
	CS3 - Advanced Procedures in Prosthetic Dentistry			16	0	1
	CS4 - TMJ, Trauma, and Pain			22	0	2
	CS5 - Advanced Surgical Procedures			19	0	1
	CS6 - Orofacial Infections and Malignancies I			34	0	2
	CS7 - Orofacial Infections and Malignancies II			45	0	4
	BMS - Biostatistics and Ethics			45	0	3
Clinical Rotations	DCR401 - Oral and Maxillofacial Surgery		C	0	60	4
	DCR402 - Dentomaxillofacial Radiology			0	60	4
	DCR403 - Endodontics			0	60	4
	DCR404 - Orthodontics			0	30	2
	DCR405 - Pedodontics			0	60	4
	DCR406 - Periodontology			0	30	2
	DCR407 - Prosthodontics			0	60	4
	DCR408 - Restorative Dentistry			0	60	4
EBD400	Evidence Based Dentistry		C	11	8	4
COH400	Community Oral Dental Health		C	16	48	4
ELC***	Elective Course	-	E	2*15	0	4
ELC***	Elective Course	-	E	2*15	0	4
Total				319	476	60

C: Compulsory – E: Elective – CE: Compulsory Elective– T: Theory– P: Practical –ECTS: European Credit Transfer System

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC400	Compulsory	CS1	Pediatric Dentistry and Orthodontics

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
35	0	2	

Aim of the Committee
Teaching the sedation applications and pharmacological agents used in pediatric patients; indications and techniques of deciduous tooth extraction; the concept of preventive and preventive orthodontics in children; orthodontic malocclusion types and treatment methods.

Learning Outcomes		
LO 1	*After the completion of this committee, students will be able to ...*	define the clinical findings of MIH.
LO 2		list the occlusion changes during the transition to primary and mixed dentition.
LO 3		list the sedation / general anesthesia indications; determine the need for primary tooth extraction.
LO 4		compare fixed and movable spacemaintainers.
LO 5		define orthodontic force and anchorage principles; list the biomechanical properties of orthodontic appliances.
LO 6		define the concepts of functional analysis and functional orthodontic treatment.
LO 7		compare orthodontic treatment types and list the indications.
LO 8		determine the psychological approach to patients undergoing orthodontic treatment.
LO 9		define the etiology of cleft lip and palate cases.
LO 10		distinguish dental malocclusions and skeletal anomalies, explain treatment principles.
LO 11		explain the fixed treatment techniques and the principles and importance of reinforcement therapy.
LO 12		recognize endodontic complications that may result from orthodontic treatment and list precautions.

Committee Outline

Department	Subject Title	Hour
Pedodontics	Molar-incisor hypomineralization (MIH)	1
	Occlusal guidance	1
	Spacemaintainers	1
	Bad oral habits in children	1
	Sedation and general anesthesia / pharmacological applications	1
	Indications for extraction of primary teeth	1
	Case evaluation	4
Endodontics	Regenerative Endodontics	1
Ortodontics	Preventive orthodontics and types of preventive orthodontics	1
	Orthodontic force sources, orthodontic force types and properties, anchorage	1
	Tools used in orthodontic treatment and their biomechanical properties	1
	Examining the psychological aspects of orthodontic treatment	1
	Orthodontic treatment in cleft lip and palate	1
	Functional analysis and myofunctional therapy	1
	Functional jaw orthopedics philosophy, functional jaw orthopedics	1
	Treatment principles of Cl II, div. I anomalies	1
	Treatment principles of Cl II, div. 2 anomalies	1
	Appliances that apply extra-oral force to the mouth	1
	Orthopedic treatment of Cl III anomalies	1
	Orthodontic surgical treatment, distraction osteogenesis	1
	Fixed orthodontic treatment, 6 keys to occlusion and retention	1

	Respiratory system and its relationship with orthodontics	1
	Orthop-orthodontic treatment in deep bite cases	1
	Orthop-orthodontic treatment in open bite cases	1
	Orthop-orthodontic applications in horizontal direction anomalies (slow-rapid expansion)	1
	Orthodontic treatment of impacted teeth	1
Endodontics	Endodontics - orthodontics relationship	1

Learning and Teaching Techniques of the Committee					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☐	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☐	Observation	☑	Problem / Problem Solving	☑	Brainstorming

Committee References	
1	Hyun Park J (2020). Temporary Anchorage Devices in Clinical Orthodontics. Wiley-Blackwell.
2	Burstone C, Kwangchul C (2015). The Biomechanical Foundation of Clinical Orthodontics. 1st Edition. Quintessence Publishing Co. China.
3	Proffit W, Fields H (2018). Contemporary Orthodontics. 6th Edition. Elsevier Publishing.
4	Graber L, Vig K, Huang G, Fleming P (2023). Orthodontics: Current Principles and Techniques. 7th Edition. Elsevier Publishing.
5	Aksoy A, Abdulhussein Z (2021). An Overview of Orthodontic Functional Analysis. Black Sea Journal of Health Science. 4(3):335-340.
6	Dean J (2021). McDonald and Avery's Dentistry for the Child and Adolescent. 11th Edition. Elsevier, Amsterdam.
7	Nowak A (2018). Pediatric Dentistry Infancy Through Adolescence. 6th Edition. Elsevier, Amsterdam.
8	Coelho-Leal S, Takeshita EM (2019). Pediatric Restorative Dentistry. Springer, Switzerland.
9	Lecture notes

Quantification and Consideration					
☑	Attendance	☐	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☐	Midterm exam
☐	Practice / Implementation	☐	Presentation	☑	Committee Exam

Contribution of Learning Outcome to 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	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	1	1	2	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	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
LO 8	2	1	1	1	1	2	1	1	1	1	1	1	1
LO 9	1	2	1	1	1	2	1	1	1	1	1	1	1
LO 10	2	3	1	1	1	2	1	1	1	1	1	1	1
LO 11	2	3	1	1	1	2	1	1	1	1	1	1	1
LO 12	2	2	1	1	1	2	1	1	1	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Theoretical Course Hour	30	1	30
Preparation for the Course	30	0,5	15
Preparation for the Committee Exam	1	10	10

Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	10	10
Final Theoretical Exam	1	1	1
		Total Workload	67
		Total Workload / 30	67/30
		ECTS Credits	~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC400	Compulsory	CS2	Color and Esthetics

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
16	0	1	

Aim of the Committee
Explaining the science of color and the etiology of discoloration, teaching treatment options and restorative materials in discolored teeth, explaining aesthetic criteria and teaching multidisciplinary perspectives in the treatment planning of teeth that need to be restored for aesthetic purposes.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to ...*	recognize the color components and list the visual color selection steps.
LO 2		list the criteria used in aesthetic analysis and select the appropriate illusion technique for the case.
LO 3		define the etiology of color changes observed in dental hard tissues, relate methods and materials used in treatment according to indications.
LO 4		distinguish the indications of direct and indirect laminate veneer restorations, select materials and explain the application steps.
LO 5		decide on the periodontal treatment method used in aesthetic applications.

Committee Outline		
Department	**Subject Title**	**Hour**
Prosthetic Dentistry	Colour and colour measurement methods	2
	Esthetic analysis and illusion techniques	2
Restorative Dentistry	Etiology of tooth discolorations	1
	Bleaching of vital teeth	2
Endodontics	Bleaching of devital teeth	1
Restorative Dentistry	Non-bleaching approaches in the treatment of coloration	1
	Composite laminate veneers	2
Prosthetic Dentistry	Ceramic laminate veneers	2
Periodontology	Gingival aesthetics (gingivectomy and gingivoplasty)	1
	Aesthetic periodontal surgery	1

Learning and Teaching Techniques of the Committee					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☐	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☐	Observation	☑	Problem / Problem Solving	☐	Brainstorming

Committee References	
1	Berman LH, Hargreaves KM (2020). Cohen's pathways of the pulp-e-book. Elsevier Health Sciences.
2	Zimmerli B, Jeger F, Lussi A (2010). Bleaching of nonvital teeth. Schweiz Monatsschr Zahnmed, 120(4), 306-13.
3	Paravina RD, Powers JM (2004). Esthetic color training in dentistry. St. Louis: Elsevier Mosby.
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.
5	Fradeani M. (2004). Esthetic Rehabilitation In Fixed Prosthodontics. Volume 1: Esthetic Analysis. Quintessence Publishing Co, Inc: Chicago.
6	Lindhe, J. Lang NP (2015). Clinical periodontology and implant dentistry, 8th Ed. ,WB Saunders Company.
7	Newman M, Takei H, Klokkevold P, Carranza F (2019). Clinical Periodontology, 13th Ed., Elsevier
8	Ritter AV, Boushell LW, Walter R (2016). Sturdevant's Art and Science of Operative Dentistry. 7th Edition, Elsevier Health Sciences.

9	Garg N, Garg A (2020). Textbook of Operative Dentistry. 4th Edition, Jaypee Brothers Mediacal Publishers.
10	Lecture notes

Quantification and Consideration					
☑	Attendance	☐	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☐	Midterm exam
☐	Practice / Implementation	☐	Presentation	☑	Committee Exam

Contribution of Learning Outcome to 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	3	1	1	1	1	1	1	1	1	1
LO 2	4	1	1	1	1	1	1	1	1	1	1	1	1
LO 3	5	4	1	4	1	1	1	1	1	1	1	1	1
LO 4	5	4	1	5	1	1	1	1	1	1	1	1	1
LO 5	5	5	1	1	1	3	1	1	1	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation

Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Theoretical Course Hour	15	1	15
Preparation for the Course	15	0,5	7,5
Preparation for the Committee Exam	1	6	6
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	3	3
Final Theoretical Exam	1	1	1
		Total Workload	33,5
		Total Workload / 30	33.5/30
		ECTS Credits	~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC400	Compulsory	CS3	Advanced Procedures in Prosthetic Dentistry

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
16	0	1	

Aim of the Committee
Teaching the fabrication technologies of full ceramic restorations; introducing advanced structural elements that can be used in removable partial dentures; synthesizing the principles of planning with biomechanical elements in removable partial dentures; teaching the clinical and laboratory stages of advanced prosthetic restorations; introducing repair systems in prosthetic restorations.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to ...*	select and discuss the appropriate technique for the fabrication of full ceramic restorations.
LO 2		determine the solution methods of problems that arise over time in fixed and removable prostheses.
LO 3		develop the structural elements of a removable partial denture for treatment.
LO 4		classify cases of removable partial dentures, analyze planning principles.
LO 5		determine the necessity of oral preparation before prosthetic treatment in full and partially edentulous patients and list the application criteria.
LO 6		select the appropriate adhesive bridge type and restorative material according to the case.
LO 7		list the indications and explain the applications of simple and complex prosthetic restorations applied in different edentulous cases.

Committee Outline		
Department	**Subject Title**	**Hour**
Prosthetic Dentistry	Fabrication techniques of full ceramic restorations	1
	Repair in fixed prosthetic restorations	1
	Repair, relining, rebasing in removable prosthetic restorations	1
	Precision attachments	1
	Stress breakers in partial dentures	1
	Immediate prostheses	1
	Oral examination and preprotetic preparations in complete dentures	1
	Clinical examination and mouth preparation in partial dentures	1
	Planning in RPD (Class I-II)	2
	Planning in RPD (Class III-IV)	2
	Overdentures	1
	Adhesive restorations	1
	Single complete dentures	1
	Soft relining materials and tissue conditioners	1

Learning and Teaching Techniques of the Committee					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☐	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☐	Observation	☑	Problem / Problem Solving	☐	Brainstorming

Committee References	
1	Thompson VP. (2017). Whence the Maryland Bridge? The evolution of the adhesive bridge. Dental Historian: Lindsay Club Newsletter, 62 (1), 9-14.
2	Lecture notes

Quantification and Consideration					
☑	Attendance	☐	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☐	Midterm exam
☐	Practice / Implementation	☐	Presentation	☑	Committee Exam

Contribution of Learning Outcome to 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	1	1	5	1	1	1	1	1	1	1	1	1
LO 2	5	1	1	1	1	3	1	1	1	1	1	1	1
LO 3	5	1	1	1	1	1	1	1	1	1	1	1	1
LO 4	5	1	1	5	1	3	1	1	1	1	1	1	1
LO 5	5	1	1	1	1	4	1	1	1	1	1	1	1
LO 6	5	1	1	5	1	3	1	1	1	1	1	1	1
LO 7	5	1	1	1	1	3	1	1	1	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Theoretical Course Hour	16	1	16
Preparation for the Course	16	0,5	8
Preparation for the Committee Exam	1	5	5
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	4	4
Final Theoretical Exam	1	1	1
		Total Workload	35
		Total Workload / 30	35/30
		ECTS Credits	~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC400	Compulsory	CS4	TMJ, Trauma, and Pain

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
22	0	2	

Aim of the Committee
Teaching the anatomy and pathologies of the temporomandibular joint; explaining the treatment plan of pathologies diagnosed with imaging findings, injury to soft tissues as a result of trauma, diagnosis and treatment methods from simple tooth fracture to complicated jaw fractures; teaching odontogenic and nonodontogenic pain types and approaches.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to ...*	define the temporomandibular joint and surrounding anatomical formations.
LO 2		recognize the signs and symptoms of temporomandibular joint diseases, classify their pathologies and select the appropriate imaging method for the preliminary diagnosis.
LO 3		associate medical, non-invasive, surgical and prosthetic treatment options with the disease according to the indication in temporomandibular joint diseases.
LO 4		classify traumatic injuries seen in pedodontic patients and associate them with diagnosis and treatment methods.
LO 5		recognize the signs and symptoms of dental and soft tissue trauma cases and determine the clinical approach.
LO 6		classify the fractures seen in the jaws, define the methods of reduction and fixation.
LO 7		recognize the sources of pain in the head and neck region, explain the approach and treatment methods of the painful patient.

Committee Outline

Department	Subject Title	Hour
Anatomy	TMJ and masticatory muscles	1
Dentomaxillofacial Radiology	TMJ pathologies	1
	Imaging techniques for TMJ	1
Oral and Maxillofacial Surgery	Conservative medical and invasive approaches to TMJ diseases	1
Prosthetic Dentistry	Prosthetic approach to TMJ diseases	1
Pedodontics	Introduction to dental trauma, anamnesis, extra and intraoral examination, radiological examination	1
	Classification of Dental trauma	1
	Dental injuries and treatments in primary tooth	2
	Dental injuries and treatments in permanent tooth	2
	Types of splints - patient follow-up	1
Endodontics	Dental injury treatments for teeth with closed apex	2
Oral and Maxillofacial Surgery	Classification and symptoms of face and jaw fractures	1
	Maxilla fractures and treatments	1
	Mandibular fractures and treatments	1
Dentomaxillofacial Radiology	Nonodontogenic pain	2
Endodontics	Emergency approaches and pain in endodontics	1
Restorative Dentistry	Dentin hypersensitivity	2

Learning and Teaching Techniques of the Committee

☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☐	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☐	Observation	☑	Problem / Problem Solving	☐	Brainstorming

Committee References

1	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.
2	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.
3	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.
4	Mallya SM, Lam EWN (2019). White And Pharoah's Oral Radiology. 8th ed. Elsevier, Missouri
5	Rozylo-Kalinowska I, Orhan K (2019). Imaging of the Temporomandibular Joint. 1st ed. Springer, Switzerland.
6	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.
7	Aminoshariae A, Kulild JC. Current concepts of dentinal hypersensitivity. Journal of Endodontics. 2021,1;47(11):1696-702.
8	Soares PV, Grippo JO (2020). Noncarious cervical lesions and cervical dentin hypersensitivity: etiology, diagnosis, and treatment. Quintessence Publishing Company.

Quantification and Consideration					
☑	Attendance	☐	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☐	Midterm exam
☐	Practice / Implementation	☐	Presentation	☑	Committee Exam

Contribution of Learning Outcome to 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	1	1	1	1	1	1	1	1
LO 2	3	3	1	1	1	2	1	1	1	1	1	1	1
LO 3	2	3	1	1	1	2	1	1	1	1	1	1	1
LO 4	3	4	1	1	1	2	1	1	1	1	1	1	1
LO 5	3	4	1	1	1	2	2	1	1	1	1	1	1
LO 6	2	3	1	2	1	2	1	1	1	1	1	1	1
LO 7	3	4	1	1	1	3	1	1	1	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation

Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Theoretical Course Hour	20	1	20
Preparation for the Course	20	1	20
Preparation for the Committee Exam	1	10	10
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	10	10
Final Theoretical Exam	1	1	1
		Total Workload	62
		Total Workload / 30	62/30
		ECTS Credits	~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC400	Compulsory	CS5	Advanced Surgical Procedures

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
19	0	1	

Aim of the Committee
Introducing advanced surgical applications in dentistry; teaching the anatomy, radiology, diseases, pathology, and treatments of relevant regions.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to ...*	define orthognathic surgery, classify osteotomy methods applied in jaws.
LO 2		list the etiologies of cleft lip and palate, explain the timing of treatment.
LO 3		classify impacted teeth, list the indications and contraindications for extraction, list extraction techniques.
LO 4		recognize biomaterials used in maxillofacial surgery, list augmentation and preprosthetic surgery techniques.
LO 5		classify the types of tooth transplantation, select techniques according to the correct indication.
LO 6		determine the need for apical resection, select the materials and techniques used.
LO 7		recognize the anatomy and pathologies of the paranasal region, differentiate them from odontogenic pathologies and choose the treatment.
LO 8		list the radiological and microscopic diagnostic criteria of salivary gland diseases and tumors, explain their surgical treatment

Committee Outline		
Department	**Subject Title**	**Hour**
Oral and Maxillofacial Surgery	Orthognathic surgery, osteotomy, distraction	1
	Cleft palate and lip treatments	1
	Impacted teeth (pathogenesis, diagnosis, treatment)	4
	Preprosthetic surgery	1
	Biomaterials (grafts, augmentation)	1
	Autotransplantation, reimplantation	1
Endodontics	Endodontic surgery I	1
Oral and Maxillofacial Surgery	Endodontic surgery I	1
Dentomaxillofacial Radiology	Paranasal sinus anatomy, diseases and radiology	2
Oral and Maxillofacial Surgery	Maxillary sinus diseases, oroantral communications and their treatments	1
Dentomaxillofacial Radiology	Salivary gland anatomy, diseases and radiology	2
Oral and Maxillofacial Surgery	Treatments of salivary gland diseases	2
Pathology	Pathology of salivary gland diseases	1

Learning and Teaching Techniques of the Committee					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☐	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☐	Observation	☑	Problem / Problem Solving	☐	Brainstorming

Committee References	
1	Mallya SM, Lam EWN (2019). White and Pharoah's Oral Radiology. 8th ed. Elsevier, Missouri.
2	Hupp JR, Ellis E, and Tucker MR (2019). Contemporary Oral and Maxillofacial Surgery. 7th edition. Elsevier Inc., Philadelphia, PA.

Quantification and Consideration					
☑	Attendance	☐	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☐	Midterm exam
☐	Practice / Implementation	☐	Presentation	☑	Committee Exam

Contribution of Learning Outcome to 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	1	1	1	1	1	1	1
LO 3	3	3	1	2	1	3	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	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	1	1	1	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Theoretical Course Hour	19	1	19
Preparation for the Theoretical Course	19	0,5	9,5
Preparation for the Committee Exam	1	8	8
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	4	4
Final Theoretical Exam	1	1	1
		Total Workload	42,5
		Total Workload / 30	42.5/30
		ECTS Credits	~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC400	Compulsory	CS6	Orofacial Infections and Malignancies I

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
34	0	2	

Aim of the Committee
Explaning the anatomical formations in the head and neck region and routes of infection spread, diagnosis and treatment methods of simple and complicated odontogenic infections.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to ...*	describe the anatomical structures of the head and neck and list their innervation and vascularization.
LO 2		relate important potential gaps in the head and neck region in terms of infection spread.
LO 3		describe odontogenic infections and explain their spread.
LO 4		list primary and secondary site infections and recognize their complications.
LO 5		explain surgical and antimicrobial treatment of odontogenic infection.

Committee Outline

Department	Subject Title	Hour
Anatomy	Arteries and veins of the face and neck region	1
	Regio frontalis, regio occipitalis, regio parietalis	1
	Regio temporalis	1
	Regio periorbitalis	1
	Regio perioralis and buccalis	1
	Regio mentalis and superficial neck region	1
	Soft tissues of the face and superficial musculoaponeurotic system	1
	Cavitas oris	2
	Regio pharyngea	1
	Neck fascias and neck triangles	1
	Neck root	2
	Regio infratemporalis	1
	Regio pterygopalatina	1
	Parotid region	1
	Potential spaces and routes of infection spread in the head and neck region	2
	N. trigeminus	1
	N. facialis	1
Oral and Maxillofacial Surgery	Pathophysiology and spread of odontogenic infection	1
	Concepts of inoculation, cellulitis, abscess in odontogenic infection	2
	Odontogenic infection severity and host resistance	1
	Surgical treatment in odontogenic infection	2
	Antimicrobial therapy in odontogenic infection	1
	Patient follow-up in odontogenic infection	1
	Complicated odontogenic infections: primary space infections	2
	Complicated odontogenic infections: secondary space infections	2
	Odontogenic sinusitis, Ludwig angina, necrotizing fasciitis	1
	Odontogenic infection complications	1

Learning and Teaching Techniques of the Committee

☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☐	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☐	Observation	☑	Problem / Problem Solving	☐	Brainstorming

Committee References	
1	Drake RL (2018). Grays Anatomi Öğrenciler için, 3. Baskı, Nobel Tıp Kitapevi.
2	Cumhur M (2020). Fonksiyonel Anatomi: Baş, Boyun ve İç Organlar, 11. Baskı, ODTÜ Yayıncılık.
3	Odell EW (2017). Cawson's Essentials of Oral Pathology and Oral Medicine. 9th edition. Elsevier Inc., London.

Quantification and Consideration					
☑	Attendance	☐	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☐	Midterm exam
☐	Practice / Implementation	☐	Presentation	☑	Committee Exam

Contribution of Learning Outcome to 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
LO 2	4	4	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
LO 4	4	4	2	1	1	3	1	1	1	1	1	1	1
LO 5	5	5	4	1	1	4	1	1	1	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Theoretical Course Hour	34	1	34
Preparation for the Theoretical Course	34	0,5	17
Preparation for the Committee Exam	1	12	12
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	10	10
Final Theoretical Exam	1	1	1
		Total Workload	75
		Total Workload / 30	75/30
		ECTS Credits	~3

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC400	Compulsory	CS7	Orofacial Infections and Malignancies II

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
45	0	4	

Aim of the Committee
Teaching oral mucosa lesions and radiopaque-radiolucent lesions seen in the maxillofacial region, explaining the differences of lesions at macroscopic and microscopic level, explaining the differential diagnosis, diagnosis, and treatment methods.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to …*	distinguish the clinical and microscopic findings of soft tissue lesions of the oral mucosa and surrounding tissues.
LO 2		recognize radiopaque and radiolucent lesions in the maxillofacial region and explain their clinical, radiographic, and pathologic features.
LO 3		describe the general characteristics of benign and malignant tumors, list the basic criteria used in their differentiation and their microscopic features.
LO 4		describe the biopsy and treatment of oral mucosal lesions, jaw cysts, and tumors.
LO 5		distinguish the clinical features of inflammatory diseases of the jaws, describe the treatment methods of osteomyelitis.

Committee Outline

Department	Subject Title	Hour
Oral and Maxillofacial Surgery	Biopsy	1
Dentomaxillofacial Radiology	White lesions of the oral mucosa	1
Pathology	Pathology of white lesions of the oral mucosa	2
Dentomaxillofacial Radiology	Red lesions of the oral mucosa	1
Pathology	Pathology of red-blue lesions of the oral mucosa	1
Dentomaxillofacial Radiology	Vesiculobullous lesions of the oral mucosa	2
Pathology	Pathology of vesiculobullous diseases of the oral mucosa	1
Dentomaxillofacial Radiology	Ulcerative lesions of the oral mucosa	1
Pathology	Pathology of ulcerative lesions of the oral mucosa	2
Dentomaxillofacial Radiology	Pigmented lesions of the oral mucosa	1
Pathology	Pathology of pigmented lesions of the oral mucosa	2
Oral and Maxillofacial Surgery	Treatments of oral mucosal lesions	2
Dentomaxillofacial Radiology	3D imaging methods of lesions in the jaws	1
	Odontogenic cysts	1
	Nonodontogenic cysts and pseudocysts	1
Pathology	Pathology of cystic lesions developing in the jaws and neck	2
Oral and Maxillofacial Surgery	Cysts and their treatments	2
Dentomaxillofacial Radiology	Benign odontogenic and nonodontogenic tumors	1
Pathology	Pathology of odontogenic tumors	1
	Pathology of nonodontogenic tumors of the jaw bones	1
Dentomaxillofacial Radiology	Malignancies of the jaws	1
Pathology	Pathology of oral benign and malignant epithelial tumors	2
Oral and Maxillofacial Surgery	Odontogenic tumor treatments	1
Dentomaxillofacial Radiology	Osteomyelitis and osteonecrosis	1
Pathology	Pathology of pulpal, periapical, periodontal pathologies and osteomyelitis	1
Oral and Maxillofacial Surgery	Inflammatory diseases of the jaws, infection, osteomyelitis and treatments	2
Pathology	Pathology of connective tissue lesions in the mouth	1
	Pathology of lymphoid tumors in the mouth	1
	AIDS and Oral pathologies	1
Dentomaxillofacial Radiology	Fibroosseous lesions	1
	Metabolic bone diseases	1
Pathology	Pathology of genetic and metabolic diseases	1

Pathology	Pathology of bone-joint diseases and soft tissue tumors	2

Learning and Teaching Techniques of the Committee					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☐	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☐	Observation	☑	Problem / Problem Solving	☐	Brainstorming

Committee References	
1	Regezi JA, Sciubba J, Jordan RCK (2017). Oral Pathology: Clinical Pathologic Correlations, 7th Edition, Elsevier, Missouri
2	Kumar V, Abbas A, Aster JC (2021). Robins & Cotran Pathologic Basis of Disease,10th Edition , Elsevier, Philadelphia.
3	Langlais RP, Miller CS, Jill S (2020). GehrigColor Atlas of Common Oral Diseases. 5th Edition. Jones & Bartlett Learning, LLC.
4	Malamos D, Scully C (2020). Clinical Guide to Oral Diseases. 1st Edition. Wiley-Blackwell
5	Mallya SM, Lam EWN (2019). White And Pharoah's Oral Radiology: Principles and Interpretation. 8th ed. Elsevier, Missouri
6	Glick M, Greenberg MS, Lockhart PB, Challacombe SJ (2021). Burket's Oral Medicine. 13th ed. Wiley Blackwell Yayıncılık, USA.
7	Cardesa A, Slootweg PJ, Gale N, Franchi A (2016). Pathology of the Head and Neck. 2nd ed. Springer Yayıncılık, e-book.
8	Prabhu SR (2022). Handbook of Oral Pathology and Oral Medicine. 1st ed. Wiley Blackwell, USA.
9	Odell EW (2017). Cawson's Essentials of Oral Pathology and Oral Medicine. 9th edition. Elsevier Inc., London.
10	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.

Quantification and Consideration					
☑	Attendance	☐	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☐	Midterm exam
☐	Practice / Implementation	☐	Presentation	☑	Committee Exam

Contribution of Learning Outcome to 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	1	1	1	1	1	1	1
LO 2	3	4	1	1	1	1	1	1	1	1	1	1	1
LO 3	2	4	1	1	1	1	1	1	1	1	1	1	1
LO 4	2	4	1	1	1	1	1	1	1	1	1	1	1
LO 5	2	4	1	1	1	1	1	1	1	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Theoretical Course Hour	43	1	43
Preparation for the Theoretical Course	43	0,5	21,5
Preparation for the Committee Exam	1	25	25
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	15	15
Final Theoretical Exam	1	1	1
		Total Workload	106,5
		Total Workload / 30	106.5/30
		ECTS Credits	~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC400	Compulsory	BMS	Biostatistics and Ethics

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
45	0	3	

Aim of the Committee
Teaching the criteria, graphs, and tests used in statistical analysis; explaining the moral and ethics of medicine, the rights and responsibilities of the dental profession; explaining the concepts of patient rights and malpractice.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to ...*	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, patient privacy issues with dental practice.
LO 5		list the ethical and legal rights and responsibilities of the dental profession, decide on practical applications by associating them with patient rights and informed consent in a way to protect the dignity of the profession.
LO 6		follow national and international organizations related to health, their aims and objectives, and relate their relations with colleagues and other health professionals on an ethical plane.
LO 7		define malpractice and explain its content.
LO 8		list ethical and scientific concepts in research and associate them with health care practices.

Committee Outline

Department	Subject Title	Hour
Biostatistics	Introduction to statistics and biostatistics	2
	Descriptive statistics	2
	Frequency tables and univariate graph	2
	Crosstabs, bivariate and multivariate graphing	2
	Probability theory	2
	Theoretical probability distributions	2
	Sampling	2
	Introduction to inferential statistics	2
	Hypothesis entry tests	2
	Parametric and non-parametric tests	2
	Hypothesis tests for a single group	2
	Hypothesis testing for two groups (quantitative data)	2
	Hypothesis testing for two groups (qualitative data)	2
	Hypothesis testing for more than two groups (quantitative data)	2
	Hypothesis testing for more than two groups (qualitative data)	2
Ethics and Deontology	Deontology, ethics, moral concepts	1
	Physician-patient relationship, empathy	1
	Ethical approaches/theories, medical ethical principles	1
	Professional ethics, physician's rights, duties and responsibilities	1
	Medical ethics rules, medical deontology regulation	1
	World Medical Association Declarations, Hippocratic Oath, Oath of Medicine	1
	Ethical dilemmas	1
	Patient rights and informed consent	1
	Malpractice (medical malpractice)	1
	Patient privacy and ethics	1
	Ethical approach to the patient with an infectious disease	1
	Research and publication ethics	1
	Animal experiments, ethics and bioethics	1
	Social discrimination and dentistry	1

Learning and Teaching Techniques of the Committee					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☐	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☐	Observation	☑	Problem / Problem Solving	☐	Brainstorming

Committee References	
1	Sümbüloglu K & Sümbüloğlu V (2010). Biyoistatistik. Hatiboğlu Yayınevi, Ankara.
2	Özdamar K (2013). SPSS ile Biyoistatistik. Nisan Kitabevi, Eskişehir.
3	Alpar R (2014). Spor, Sağlık ve Eğitim Bilimlerinden Örneklerle Uygulamalı İstatistik ve Geçerlik-Güvenirlik. Detay Yayıncılık, Ankara.
4	FDI World Dental Federation (2007). Dental Ethics Manual, Ferney-Voltaire, France.
5	FDI World Dental Federation (2018). Dental Ethics Manual 2, Quintessence Publishing, London, UK.
6	Lecture notes.

Quantification and Consideration					
☑	Attendance	☐	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☐	Midterm exam
☐	Practice / Implementation	☐	Presentation	☑	Committee Exam

Contribution of Learning Outcome to 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	5	1	1	1	4	4	1	1	1
LO 4	1	1	1	1	5	1	1	1	4	4	1	1	1
LO 5	1	1	1	1	5	1	1	1	4	4	1	1	1
LO 6	1	1	1	1	5	1	1	1	4	4	1	1	1
LO 7	1	1	1	1	5	1	1	1	3	4	1	1	1
LO 8	1	1	1	1	5	1	1	1	1	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Theoretical Course Hour	44	1	44
Preparation for the Theoretical Course	44	0,5	22
Preparation for the Committee Exam	1	5	5
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	4	4
Final Theoretical Exam	1	1	1
		Total Workload	77
		Total Workload / 30	77/30
		ECTS Credits	~3

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
CLINICAL ROTATION OUTLINE

Clinical Rotation Code	Clinical Rotation Type	Clinical Rotation Name
DCR401	Compulsory	Oral and Maxillofacial Surgery

Clinical Rotation Hour	ECTS	Clinical Rotation Supervisor
60	4	

Aim of the Clinical Rotation
Teaching the approach to patient in the clinical setting, following the medical and dental anamnesis, extraoral-intraoral examination, radiographic evaluation taught in the surgical theory courses; clinically observing and making the indication for surgery in appropriate cases; planning the procedure after the correct indication and performing simple tooth extractions; recognizing the clinical instruments and observing advanced surgical operations.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to ...*	take anamnesis from the patient and determine the appropriate treatment plan.
LO 2		observe and apply maxillary and mandibular anesthesia techniques.
LO 3		pre-operatively prepare the patient for extraction, distinguish the surgical instruments to be used and apply tooth extraction.
LO 4		explain to the patient what to do after tooth extraction.
LO 5		observe advanced surgical procedures.

Clinical Rotation Outline	
Department	**Practice Title**
Oral and Maxillofacial Surgery	Introduction to the surgery clinic and introduction of surgical instruments
	Taking dental and medical history from the patient
	Confirmation of diagnosis with clinical and radiographic examination
	Determination of pre-operative approaches to the patient
	Application of anesthesia
	Simple tooth extraction
	Explaining postoperative care to the patient

Learning and Teaching Techniques of the Clinical Rotation					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☑	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☑	Observation	☑	Problem / Problem Solving	☑	Brainstorming

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

Quantification and Consideration					
☑	Attendance	☑	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☑	Clinical Exam
☑	Practice / Implementation	☐	Presentation	☑	Clinical Final Exam

Contribution of Learning Outcome to 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
LO1	5	5	4	1	4	4	1	1	4	5	1	1	1
LO2	5	2	4	4	4	3	1	4	1	1	1	1	1
LO3	5	5	4	5	4	4	1	4	1	1	1	1	1

LO4	4	4	2	1	1	1	1	1	1	1	1	1	1
LO5	4	4	4	4	1	1	1	1	1	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Clinical rotation hour	1	60	60
Preparation for the clinical rotation	1	15	15
Preparation for the clinical rotation exam	1	20	20
Clinical rotation exam	1	1	1
Preparation for the final exam	1	15	15
Final exam	1	1	1
		Total Workload	112
		Total Workload / 30	112/30
		ECTS Credits	~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
CLINICAL ROTATION OUTLINE

Clinical Rotation Code	Clinical Rotation Type	Clinical Rotation Name
DCR402	Compulsory	Dentomaxillofacial Radiology

Clinical Rotation Hour	ECTS	Clinical Rotation Supervisor
60	4	

Aim of the Clinical Rotation
To communicate with the patient by synthesizing the theoretical lessons taken in the preclinical courses, to apply their knowledge practically and to prepare the appropriate diagnosis and treatment planning

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to ...*	take dental and medical anamnesis of the patient.
LO 2		select the examination method to be applied to the patient.
LO 3		select the appropriate radiography technique (intraoral radiography techniques and panoramic radiography) for the patient and apply it under supervision.
LO 4		relate the radiographs taken from the patient and clinical examination findings and create an initial treatment plan.
LO 5		distinguish oral manifestations of systemic diseases and explain the appropriate dental approach.
LO 6		explain the treatment plan to the patient.

Clinical Rotation Outline	
Department	**Practice Title**
Dentomaxillofacial Radiology	Taking the patient's complaint and anamnesis
	Performing intraoral examination of the patient and choosing the appropriate radiography technique
	Taking the radiograph of the patient in the radiology clinic
	Diagnosis of the patient with clinical examination and radiography
	Preparation of the patient's treatment plan and determination of the procedure sequence
	Appropriate explanation of treatment planning to the patient

Learning and Teaching Techniques of the Clinical Rotation					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☑	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☑	Observation	☑	Problem / Problem Solving	☑	Brainstorming

Clinical Rotation References	
1	Mallya SM, Lam EWN (2019). White And Pharoah's Oral Radiology: Principles and Interpretation. 8th ed. Elsevier, Missouri
2	Glick M, Greenberg MS, Lockhart PB, Challacombe SJ (2021). Burket's Oral Medicine. 13th ed. Wiley Blackwell Yayıncılık, USA.
3	Özcan İ (2017). Diş Hekimliğinde Radyolojinin Esasları Konvansiyonelden-Dijitale. 1. baskı. İstanbul Medikal Sağlık ve Yayıncılık, İstanbul
4	Özcan İ (2022). Multidisipliner Prensiplerle Oral Diagnoz. 1. baskı, İstanbul Yayıncılık, İstanbul

Quantification and Consideration					
☑	Attendance	☑	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☑	Clinical Exam
☑	Practice / Implementation	☐	Presentation	☑	Clinical Final Exam

Contribution of Learning Outcome to 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
LO1	2	3	3	1	1	1	1	1	1	1	1	1	1
LO2	3	1	1	1	1	1	1	1	1	1	1	1	1

LO3	4	2	1	4	1	1	1	2	1	1	1	1	1
LO4	5	5	1	2	1	1	1	1	1	1	1	1	1
LO5	3	2	5	1	1	4	1	1	1	1	1	1	1
LO6	4	1	1	1	1	1	1	1	3	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Clinical rotation hour	1	60	60
Preparation for the clinical rotation	1	15	15
Preparation for the clinical rotation exam	1	20	20
Clinical rotation exam	1	1	1
Preparation for the final exam	1	15	15
Final exam	1	1	1
		Total Workload	112
		Total Workload / 30	112/30
		ECTS Credits	~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
CLINICAL ROTATION OUTLINE

Clinical Rotation Code	Clinical Rotation Type	Clinical Rotation Name
DCR403	Compulsory	Endodontics

Clinical Rotation Hour	ECTS	Clinical Rotation Supervisor
60	4	

Aim of the Clinical Rotation
Teaching the diagnosis and treatment planning, vital pulp treatments and root canal treatment applications in patients who apply for endodontic treatment, following the medical and dental status evaluation.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to ...*	take the patient's medical and dental anamnesis, performing clinical and radiological examination, making the correct diagnosis in terms of endodontics and planning the treatment.
LO 2		perform endodontic imaging procedures and local anesthesia applications.
LO 3		perform the rubber dam isolation on the patient.
LO 4		perform direct and indirect pulp capping treatments.
LO 5		perform root canal treatment of single rooted teeth under supervision.

Clinical Rotation Outline	
Department	**Practice Title**
Endodontics	Taking the anamnesis of the patient with endodontic complaint
	Application of endodontically appropriate clinical and radiographic examination methods and tests
	Evaluating the data after the anamnesis and examination and making the correct diagnosis
	Determining and explaining the endodontic treatment plan to the patient
	Local anesthesia application and placement of rubber dam for endodontic treatment
	Performing direct and indirect pulp capping treatments
	Root canal treatment in single-rooted teeth under supervision
	Providing necessary information to the patient after the treatment

Learning and Teaching Techniques of the Clinical Rotation					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☑	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☑	Observation	☑	Problem / Problem Solving	☑	Brainstorming

Clinical Rotation References	
1	Chong BS (2017) Harty's Endodontics in Clinical Practise. 7th Edition. Elsevier, China.
2	AAE Endodontics Colleagues Endodontic Diagnosis (www.aae.org/collegues)
3	Torabinajad M, Fouad AF, Shabahang S (2021). Endodontics Principles and Practise. 6th ed., Elsevier.

Quantification and Consideration					
☑	Attendance	☑	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☑	Clinical Exam
☑	Practice / Implementation	☑	Presentation	☑	Clinical Final Exam

Contribution of Learning Outcome to 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
LO1	5	5	1	4	1	1	1	1	1	1	3	1	1
LO2	4	3	1	3	1	1	1	3	1	1	1	1	1

LO3	3	2	1	4	1	1	1	2	1	1	1	1	1
LO4	5	3	1	4	1	4	1	1	3	1	1	1	1
LO5	5	4	2	4	1	4	1	1	3	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Clinical rotation hour	1	60	60
Preparation for the clinical rotation	1	15	15
Preparation for the clinical rotation exam	1	20	20
Clinical rotation exam	1	1	1
Preparation for the final exam	1	15	15
Final exam	1	1	1
		Total Workload	112
		Total Workload / 30	112/30
		ECTS Credits	~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
CLINICAL ROTATION OUTLINE

Clinical Rotation Code	Clinical Rotation Type	Clinical Rotation Name
DCR404	Compulsory	Orthodontics

Clinical Rotation Hour	ECTS	Clinical Rotation Supervisor
30	2	

Aim of the Clinical Rotation
Teaching the materials used in the orthodontic clinic, the areas of use of the appliances and different orthodontic impression methods, and the application of cephalometric film, model and dental photo analysis.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to ...*	explain the ideal relationship between the lower and upper jaw teeth.
LO 2		recognize the materials and instruments used in the clinic and prepare an orthodontic model.
LO 3		plan and implement cases that can be treated with simple removable appliances.
LO 4		change the archwire, elastic and ligatures under supervision during the control sessions.
LO 5		distinguish different treatment approaches according to orthodontic malocclusion types.

Clinical Rotation Outline	
Department	**Practice Title**
Ortodontics	Performing orthodontic examination of the patient
	Discussion of the patient's clinical and radiographic findings from an orthodontic point of view
	Evaluation of the patient after anamnesis and examination
	Planning the patient's treatment
	Teaching the steps to be followed in the brace application session
	Performing routine orthodontic controls
	Taking the appliance impression and applying it to the patient

Learning and Teaching Techniques of the Clinical Rotation					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☑	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☑	Observation	☑	Problem / Problem Solving	☑	Brainstorming

Clinical Rotation References	
1	Ülgen M (2015). Ortodonti Anomaliler, Sefalometri, Etioloji, Büyüme ve Gelişim, Tanı. 5. baskı. Yurtmim Yayıncılık
2	Proffit W, Fields H (2018). Contemporary Orthodontics. 6th ed. Elsevier Publishing.

Quantification and Consideration					
☑	Attendance	☑	Clinical Rotation	☐	Project
☐	Laboratory	☑	Homework	☑	Clinical Exam
☑	Practice / Implementation	☐	Presentation	☑	Clinical Final Exam

Contribution of Learning Outcome to 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
LO1	5	4	1	4	1	1	1	1	1	2	1	1	1
LO2	2	1	1	5	1	1	1	1	1	3	1	1	1
LO3	5	4	1	4	1	3	1	1	1	3	1	2	1
LO4	4	4	1	4	1	3	1	1	1	3	1	2	1
LO5	4	4	1	3	1	3	1	1	1	1	1	2	1

Contribution Level:	1: No	2: Poor	3: Moderate	4: Good	5: Very Good

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Clinical rotation hour	1	30	30
Preparation for the clinical rotation	1	10	10
Clinical rotation homework	1	10	10
Preparation for the final exam	1	10	10
Final exam	1	1	1
		Total Workload	61
		Total Workload / 30	61/30
		ECTS Credits	2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
CLINICAL ROTATION OUTLINE

Clinical Rotation Code	Clinical Rotation Type	Clinical Rotation Name
DCR405	Compulsory	Pedodontics

Clinical Rotation Hour	ECTS	Clinical Rotation Supervisor
60	4	

Aim of the Clinical Rotation
Teaching the basic principles of oral and dental health protection and treatment planning of pediatric patients and developing applied clinical skills.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to ...*	evaluate oral findings and radiological findings in pediatric patients and make a preventive and restorative treatment plan.
LO 2		explain the differences of preventive treatment plan according to age groups and caries risk in pediatric patients.
LO 3		explain the differences of restorations according to age groups in pediatric patients.
LO 4		information and brushing education to parents of sick children regarding the child's overall oral health
LO5		education age-appropriate brushing to both the child patient and their parents

Clinical Rotation Outline	
Department	**Practice Title**
Pedodontics	Establishing effective communication with pediatric patients and their parents
	Taking the patient's dental and medical history
	Performing intraoral examination of the patient and deciding on the appropriate radiography technique for the case
	Diagnosis with clinical and radiographic evaluation
	Determining the patient's treatment priorities and procedure sequence
	Application of preventive treatments such as fluoride and fissure sealant to the patient
	Administering local anesthesia under supervision and performing simple restorative procedures on the patient
	Explaining to the patient and their parents what needs to be done to maintain oral and dental health.
	Providing age-appropriate brushing education to the child patient and their parents.

Learning and Teaching Techniques of the Clinical Rotation					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☑	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☑	Observation	☑	Problem / Problem Solving	☑	Brainstorming

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

Quantification and Consideration					
☑	Attendance	☑	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☑	Clinical Exam
☑	Practice / Implementation	☐	Presentation	☑	Clinical Final Exam

Contribution of Learning Outcome to 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
LO1	5	3	3	1	1	1	1	1	1	3	1	1	1
LO2	5	4	1	3	1	3	1	1	2	3	1	1	1
LO3	5	4	1	3	1	3	1	1	2	3	1	1	1
LO4	2	1	1	1	1	1	3	1	2	1	1	1	1
LO5	2	1	1	1	1	1	3	1	2	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Clinical rotation hour	1	60	60
Preparation for the clinical rotation	1	15	15
Preparation for the clinical rotation exam	1	20	20
Clinical rotation exam	1	1	1
Preparation for the final exam	1	15	15
Final exam	1	1	1
		Total Workload	112
		Total Workload / 30	112/30
		ECTS Credits	~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
CLINICAL ROTATION OUTLINE

Clinical Rotation Code	Clinical Rotation Type	Clinical Rotation Name
DCR406	Compulsory	Periodontology

Clinical Rotation Hour	ECTS	Clinical Rotation Supervisor
30	2	

Aim of the Clinical Rotation
Teaching the diagnosis of periodontal health and disease conditions clinically and radiographically and teaching phase 1 perioontal treatment steps, performing periodontal risk assessment and prognosis determination.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to …*	distinguish periodontal health from disease, distinguish changes in the periodontium in the elderly and children.
LO 2		diagnose periodontal diseases, distinguish gingivitis and periodontitis, make classifications and treatment planning of periodontal diseases.
LO 3		perform phase 1 periodontal treatment, inform the patient about the need for periodontal surgery and what treatments can be done.
LO 4		apply scaling - polishing, SRP treatments, information and tooth brushing education and interface cleaning.
LO 5		clinically distinguish the predisposing factors in periodontal diseases and provide referral to the relevant clinic.

Clinical Rotation Outline	
Department	**Practice Title**
Periodontology	Clinical and radiographic evaluation of the patient's periodontal tissues
	Informing the patient about his clinical condition
	Diagnosis of periodontal disease after clinical and radiographic examination
	Periodontal risk assessment and prognosis determination
	Performing the "calculus removal-polishing, scaling root planning (SRP)" treatments included in the Phase 1 periodontal treatment of the patient
	Demonstration of oral hygiene on the model to the patient after the calculus removal and polishing procedure

Learning and Teaching Techniques of the Clinical Rotation					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☑	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☑	Team / Group Work
☑	Observation	☑	Problem / Problem Solving	☑	Brainstorming

Clinical Rotation References	
1	Newman M, Takei H, Klokkevold P, Carranza F (2019). Clinical Periodontology, 13th Ed.Elsevier
2	Çağlayan G. (2018). Periodontoloji ve İmplantoloji, Quintessence Yayınları, Türkiye.
3	Lindhe J, Lang NP (2015). Clinical periodontology and implant dentistry, 8th ed, WB Saunders Company.
4	Lecture notes

Quantification and Consideration					
☑	Attendance	☑	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☑	Clinical Exam
☑	Practice / Implementation	☐	Presentation	☑	Clinical Final Exam

Contribution of Learning Outcome to 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
LO1	5	5	3	3	1	2	1	1	3	1	1	1	1

LO2	4	4	3	3	1	2	1	1	3	1	1	1	1
LO3	5	5	1	3	1	2	1	1	3	1	1	1	1
LO4	4	4	1	5	1	4	1	1	5	1	1	1	1
LO5	5	5	1	5	1	5	1	1	3	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Clinical rotation hour	1	30	30
Preparation for the clinical rotation	1	10	10
Preparation for the clinical rotation exam	1	10	10
Clinical rotation exam	1	1	1
Preparation for the final exam	1	10	10
Final exam	1	1	1
		Total Workload	62
		Total Workload / 30	62 / 30
		ECTS Credits	~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
CLINICAL ROTATION OUTLINE

Clinical Rotation Code	Clinical Rotation Type	Clinical Rotation Name
DCR407	Compulsory	Prosthodontics

Clinical Rotation Hour	ECTS	Clinical Rotation Supervisor
60	4	

Aim of the Clinical Rotation
Preparing the diagnosis and treatment plan following the evaluation of medical and dental status in patients who apply for prosthetic dental treatment for aesthetic or functional reasons, making material selection for the restoration of lost tissues, teaching the stages of fixed and total prosthesis.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to …*	evaluate the patient who applied to the clinic due to chewing, phonation or aesthetic problems.
LO 2		decide on prosthetic diagnosis and appropriate treatment, discuss treatment methods.
LO 3		explain the possible treatment of the patient in his/her own words on the radiographic film.
LO 4		apply impression taking from the patient and cementation.
LO 5		distinguish the right material selection in impression and cementation processes.
LO 6		prepare oral records for proper transfer to the laboratory and communicate with the laboratory.

Clinical Rotation Outline	
Department	**Practice Title**
Prosthodontics	Clinical and radiographic evaluation of the patient
	Determining the prosthetic treatment approach for the patient and explaining it to the patient
	Observation of advanced prosthetic treatment applications
	Documenting the prosthetic treatment protocols applied to the patient by the physician as a written report, preparing a patient file
	Informing the patient with fixed prosthetic restoration indication about prosthetic material options
	Observation of tooth preparation in a patient with fixed prosthetic restoration indication
	Retraction
	Taking impression of the prepared jaw by conventional technique
	Taking the bite impression from the unprepared opposing jaw by conventional technique
	Taking impression of the jaw including the preparation site for the fabrication of temporary restoration
	Cementation of temporary restoration
	Checking the coping (metal or zirconia) and choosing the color for the veneering ceramic
	Intraoral control and cementation of permanent restoration
	Taking impression with prefabricated tray for individualized tray making from a patient with complete denture indication
	Taking impression with an individualized tray from a patient with complete denture indication
	Base plate-wax rim control in complete dentures
	Realization of the tooth-arrangement rehearsal
	Occlusion control in complete dentures and delivery to the patient

Learning and Teaching Techniques of the Clinical Rotation					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☑	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☑	Observation	☑	Problem / Problem Solving	☑	Brainstorming

Clinical Rotation References	
1	Shillingburg HT, Sather DA, Wilson EL, Cain JR, Mitchell DL, Blanco LJ, Kessler JC (2012). Fundamentals of fixed prosthodontics. 4th
2	Gray R, Al-Ani Z (2021). Temporomandibular Disorders : A Problem-Based Approach. 2nd ed. Wiley-Blackwell

3	Okeson JF (2019). Management of Temporomandibular Disorders and Occlusion. 8th ed. Mosby
4	Gray R, Al-Ani Z (2021). Temporomandibular Disorders : A Problem-Based Approach. 2nd ed. Wiley-Blackwell
5	Okeson JF (2019). Management of Temporomandibular Disorders and Occlusion. 8th ed. Mosby

Quantification and Consideration					
☑	Attendance	☑	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☑	Clinical Exam
☑	Practice / Implementation	☑	Presentation	☑	Clinical Final Exam

Contribution of Learning Outcome to 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
LO1	5	4	4	1	3	4	1	1	1	4	1	1	1
LO2	5	4	4	4	4	4	1	1	3	1	1	1	1
LO3	5	4	4	2	2	4	1	1	4	1	1	1	1
LO4	4	2	1	4	3	4	1	1	1	1	1	1	1
LO5	5	1	1	5	1	4	1	1	1	1	1	1	1
LO6	2	2	1	4	1	2	2	5	5	4	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Clinical rotation hour	1	60	60
Preparation for the clinical rotation	1	15	15
Preparation for the clinical rotation exam	1	20	20
Clinical rotation exam	1	1	1
Preparation for the final exam	1	15	15
Final exam	1	1	1
		Total Workload	112
		Total Workload / 30	112/30
		ECTS Credits	~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
CLINICAL ROTATION OUTLINE

Clinical Rotation Code	Clinical Rotation Type	Clinical Rotation Name
DCR408	Compulsory	Restorative Dentistry

Clinical Rotation Hour	ECTS	Clinical Rotation Supervisor
60	4	

Aim of the Clinical Rotation
Making diagnosis and treatment planning following the evaluation of medical and dental status in patients applying for restorative dental treatment and teaching treatment applications related to the restoration of lost tissues.

Learning Outcomes		
LO 1	*After the completion of this committee, student will be able to ...*	take the patient's medical and dental anamnesis, perform clinical and radiological examination, make the correct diagnosis in terms of restorative dentistry and plan the treatment.
LO 2		perform restorative imaging procedures and local anesthesia applications.
LO 3		select suitable materials for restoration.
LO 4		perform matrix and wedge application in Class II and Class III cavities.
LO 5		apply Class IV aesthetic restoration stages.
LO 6		apply the finishing and polishing stages of restorations.

Clinical Rotation Outline	
Department	**Practice Title**
Restorative Dentistry	Restorative examination of the patient
	Preparation of the cavity necessary for the restoration of lost dental tissues.
	Selection of suitable materials for restoration
	Application of matrix and wedge in approximal cavities
	Aesthetic restoration application stages and polish

Learning and Teaching Techniques of the Clinical Rotation					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☑	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☑	Case Study	☐	Team / Group Work
☑	Observation	☑	Problem / Problem Solving	☑	Brainstorming

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

Quantification and Consideration					
☑	Attendance	☑	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☑	Clinical Exam
☑	Practice / Implementation	☐	Presentation	☑	Clinical Final Exam

Contribution of Learning Outcome to 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
LO1	5	5	2	1	5	4	1	1	4	5	1	1	1

LO2	3	5	4	3	5	4	1	4	1	1	1	1	1
LO3	5	4	2	5	4	4	1	1	1	1	1	1	1
LO4	3	4	2	5	2	4	1	4	1	1	1	1	1
LO5	4	3	2	5	2	4	1	4	1	1	1	1	1
LO6	5	5	2	5	2	4	1	4	1	1	1	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Clinical rotation hour	1	60	60
Preparation for the clinical rotation	1	15	15
Preparation for the clinical rotation exam	1	20	20
Clinical rotation exam	1	1	1
Preparation for the final exam	1	15	15
Final exam	1	1	1
		Total Workload	112
		Total Workload / 30	112/30
		ECTS Credits	~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Course Name
EBD400	Compulsory	Evidence Based Dentistry

Theoretical Course Hour	Practical Course Hou	ECTS	Committee Supervisor
11	8	4	

Aim of the course
Teaching the basic principles of evidence-based dentistry and the application methods of these principles and explaining the decision-making processes based on scientific evidence by systematically evaluating the scientific evidence related to clinical cases.

Learning Outcomes		
LO 1	*After the completion of this course, student will be able to ...*	define the basic concepts of evidence-based dentistry.
LO 2		formulate the appropriate PICO question to seek evidence of clinical problems.
LO 3		list scientific research methods and evidence-based practices.
LO 4		summarize, analyze and infer research data.
LO 5		define the evidence-based decision-making process for patient treatment in different departments and list the application methods.

Course Outline		
Department	**Subject Title**	**Hour**
Multidisciplinary	Introduction to evidence-based dentistry	1
	Evidence-based decision making principles 1	1
	Evidence-based decision making principles 2	1
	Literature review strategies in dentistry	1
	Systematic reviews in the literature	1
	Applying evidence-based dentistry to your patients	1
	Evidence-based decision making in periodontal dental prognosis and preservation of natural dentition	1
	Evidence-based decision making in the restoration of natural teeth	1
	Case selection for the use of cone-beam computed tomography in dentistry based on diagnostic efficacy and risk assessment	1
	Emerging new strategies for periodontal and alveolar bone regeneration	1
	Evidence-based decision making in dentistry: the endodontic perspective	1

Learning and Teaching Techniques of the Course					
☑	Expression	☐	Experiment	☐	Project Design / Management
☑	Discussion	☐	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☐	Case Study	☐	Team / Group Work
☐	Observation	☑	Problem / Problem Solving	☐	Brainstorming

Course References	
1	Felton DA. Conducting a search of a literature. Dental Clinics of North America. 2002;46(1):45-50.
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.
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.
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.
5	Carr B. Systematic Reviews of the Literature: The Overview and Meta-analysis. Dental Clinics of North America. 2002:46(1);79-86.

Quantification and Consideration

☑	Attendance	☐	Clinical Rotation	☐	Project
☐	Laboratory	☐	Homework	☐	Midterm exam
☑	Practica / Implementation	☐	Presentation	☑	Committee Exam

Contribution of Learning Outcome to 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	2	2	2	2	2	3	1	1	2	1	5	1	1
Contribution Level:				1: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Theoretical course hour	11	1	11
Preparation for the theoretical course	11	0.5	5.5
Preparation for the midterm exam	1	20	20
Midterm exam	1	1	1
Practical course	1	8	8
Preparation for the practical course	1	4	4
Preparation for the project	1	10	10
Project	1	1	1
Preparation for the final project	1	10	10
Final project	1	1	1
		Total Workload	
		Total Workload / 30	
		ECTS Credits	~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Course Name
COH400	Compulsory	Community Oral Dental Health

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
16	48	4	

Aim of the course
Explaining the importance of oral and dental health, developing the skills to encourage protective oral and dental habits, arranging information activities to increase the awareness of oral and dental health in the society and contributing to the development of health policies by using epidemiological data, and defining the principles of combating substance-tobacco-alcohol addiction, extraordinary situations contagious diseases in the society.

Learning Outcomes		
LO 1	*After the completion of this course, student will be able to ...*	Define the epidemiology of caries and oral diseases in pediatric or adult patients.
LO 2		Determine the factors that threaten oral and dental health in pediatric or adult patients and create a patient-specific preventive program.
LO 3		List protective practices for individuals with special needs.
LO 4		List healthy life behaviors; define the concepts of public health and occupational safety.
LO 5		Define epidemiological methods, data collection techniques, and basic principles of research design.
LO 6		List the principles of combating substance-tobacco-alcohol addiction, extraordinary situations and contagious diseases in society.
LO 7		List the effects of urbanization and globalization on oral and dental health.
LO 8		Take part in public information and awareness activities to increase awareness about oral and dental health.

Course Outline		
Department	**Subject Title**	**Hour**
Pedodontics	Introduction to public oral and dental health, indexes used to determine the epidemiology of oral disease, epidemiology of caries and periodontal diseases in Turkey and in the world (WHO targets)	1
	Reporting of diet regulation in pediatric and adult patients	1
	Topical/systemic fluoride applications, fluoride prescribing and fluorosis in children	1
	Preventive applications in patients with special needs	1
Department of Public Health	Healthy living behaviors	1
	Introduction to public health, primary health care	1
	Occupational health and Safety	1
	Introduction to epidemiology	2
	Epidemiological studies and research planning	2
	Substance abuse - tobacco, alcohol, etc.	2
	Environmental factors affecting oral and dental health on a global and urban scale	1
	Health services in extraordinary situations	1
	Control of contagious diseases in the community	1

Learning and Teaching Techniques of the Course					
☑	Expression	☐	Experiment	☐	Project Design / Management
☐	Discussion	☑	Practice / Implementation	☐	Preparing / Presenting Reports
☑	Question & Answer	☐	Case Study	☑	Team / Group Work
☐	Observation	☑	Problem / Problem Solving	☑	Brainstorming

Course References

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
2	Soben Peter (2017). Essentials of Public Health Dentistry (Community Dentistry), 6th Ed., Arya Medi Publishing House
3	Daly B, Batchelor P, Treasure E, Watt R (2013). Essential Dental Public Health. 2nd Ed., OUP Oxford.

Quantification and Consideration					
☑	Attendance	☐	Clinical Rotation	☑	Project
☐	Laboratory	☑	Homework	☑	Midterm exam
☑	Practica / Implementation	☐	Presentation	☑	Peer Assessment

Contribution of Learning Outcome to 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: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	**Amount**	**Duration (Hour)**	**Total Workload (Hour)**
Theoretical Course Hour	16	1	16
Preparation for the Course	16	1	16
Preparation for the Midterm Exam	1	10	10
Midterm Exam	1	1	1
Preparation for the Final Exam	1	15	15
Final Exam	1	1	1
Screening Applications	6	8	48
		Total Workload	107
		Total Workload / 30	107/30
		ECTS Credits	~4