

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

CODE	COURSE NAME	Pre.	C/E	T	P	ECTS
DTC300	Year 3 Theoretical Committees	DTC200 DPC200	C	198	0	18
	CS1 - Examination			30	0	4
	CS2 - Removable Prosthesis			36	0	4
	CS3 - Periodontal Treatment			23	0	2
	CS4 - Dental Tissue Diseases and Treatments IV			18	0	1
	CS5 - Local Anesthesia			14	0	1
	CS6 - Dental Tissue Diseases and Treatments - V			23	0	2
	CS7 - Systemic Diseases			23	0	2
	CS8 - Orthodontic Approaches			18	0	1
	CS9 - Oral and Maxillofacial Surgery			13	0	1
DPC300	Year 3 Practical Committees		C	0	484	34
	PC1 - Restorative Dentistry			0	112	8
	PC2 - Prosthodontics			0	112	8
	PC3 - Endodontics			0	108	8
	SPC1 - Restorative Dentistry Simulation			0	44	2
	SPC2 - Prosthodontics Simulation			0	32	2
	SPC3 - Orthodontics Simulation			0	4	1
	SPC4 - Anesthesia			0	12	1
	SPC5 - Periodontology Simulation			0	4	1
	SPC6 - Pedodontics Simulation			0	56	3
DCS300	Diagnostic and Clinical Skills		C	1	4	4
ELC***	Elective Course	-	E	2*15	0	4
Total				226	488	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
DTC300	Compulsory	CS1	Examination

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
30	0	4	

Aim of the Committee

Explaining the systemic diseases that are symptomatic in the maxillofacial region and/or affecting the treatment planning in adult patients and teaching the diagnosis and treatment planning steps by explaining the appropriate dentist approach, explaining the tooth eruption processes and anomalies in pediatric patients, and teaching the approach to the pediatric patient.

Learning Outcomes

Learning Outcome	Outcome Description
LO 1	explain the relationship between systemic diseases and lesions in the mouth according to medical and dental anamnesis.
LO 2	associate systemic diseases with dental treatment protocols.
LO 3	select the examination technique to be used according to the region to be examined, explain the findings that can be obtained.
LO 4	choose extraoral radiography techniques, which are frequently used in the head and neck region, according to the case.
LO 5	classify odontogenic pain types, associate them with clinical and radiographic examination findings, and determine treatment planning according to their urgency.
LO 6	classify digital imaging methods, list the causes of errors in radiographs.
LO 7	list behavioral manipulation techniques in children.
LO 8	define the eruption process of primary and permanent teeth.
LO 9	list the examination methods and radiography techniques used in pediatric patients.
LO 10	list dental anomaly types, associate anomaly types with radiographic findings.

Committee Outline

Department	Subject Title	Hour
Dentomaxillofacial Radiology	Anamnesis form, patient history and patient complaint, vital signs	1
	Odontogenic pain	1
	Diagnosis and treatment planning	1
	Prophylaxis and dental considerations in cardiovascular patients	1
	Dental considerations in endocrine system and respiratory system diseases	1
	Dental considerations in hematological diseases	1
	Dental considerations in gastrointestinal system and renal diseases	1
	Dental considerations in liver diseases	1
	Dental considerations in rheumatic diseases	1
	Other systemic diseases and dentist approach	1
	Dental considerations in other systemic diseases	1
	Examination techniques	1
	Extraoral examination	1
	Paranasal sinuses and TMJ examination	1
	Lymph nodes, thyroid and trachea examination	1
	Intraoral examination findings-1	1
	Intraoral examination findings-2	2
	Extraoral radiography techniques	1
	Extraoral anatomical landmarks	1
	Digital imaging methods	1

	Artifacts in 2D dental imaging	2
	Behavior guidance	1
	Eruption of teeth	1
	Physiological root resorption	1
	Dental anomalies	1
	Primary teeth occlusion	2
	Examination and treatment plan in children	1
Endodontics	Endodontic patient examination	1

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input checked="" type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input checked="" type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee 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 Inc, US.
3	Dean J (2021). McDonald and Avery's Dentistry for the Child and Adolescent. 11th ed. Elsevier, Amsterdam.
4	Nowak A (2018). Pediatric Dentistry Infancy Through Adolescence. 6th ed. Elsevier, Amsterdam.
5	Chong BS, Özçelik B (2019). Harty Klinik Uygulamada Endodonti. 7. baskı. Elsevier-Güneş Tıp Kitabevi, Ankara.
6	Lecture Notes

Quantification and Consideration

<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input type="checkbox"/>	Laboratory	<input type="checkbox"/>	Homework	<input type="checkbox"/>	Midterm exam
<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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	4	1	1	1	1	1	1	1	1	1	1
LO 2	3	4	3	1	1	3	1	1	1	1	1	1	1
LO 3	3	2	2	1	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	3	4	1	2	1	2	1	1	1	1	1	1	1
LO 6	2	1	1	3	1	1	1	1	1	1	1	1	1
LO 7	2	1	1	1	1	1	1	1	2	1	1	1	1
LO 8	2	2	1	1	1	1	1	1	1	1	1	1	1
LO 9	2	2	1	2	1	1	1	1	1	1	1	1	1
LO 10	2	2	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	31	1	31
Preparation for the Theoretical Course	31	0.5	15.5
Preparation for the Committee Exam	1	35	35
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	23	23
Final Theoretical Exam	1	1	1

Total Workload	106.5
Total Workload / 30	107/30
ECTS Credits	~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC300	Compulsory	CS2	Removable Prosthesis

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
36	0	4	

Aim of the Committee

Teaching the concepts of complete and partial edentulism, introducing the different types and application areas of removable prostheses, explaining all clinical and laboratory stages starting from planning.

Learning Outcomes

LO	After the completion of this committee, students will be able to ...	Learning Outcome
LO 1		classify the partially edentulous arches and determines the treatment indication accordingly.
LO 2		relate the anatomical formations with retention in terms of removable prostheses and explain the limits of the prosthesis.
LO 3		define the structural components of removable prostheses, list the clinical and laboratory construction stages.
LO 4		select the materials and techniques to be used in the clinic and laboratory according to the case.
LO 5		define the problems encountered during and after the delivery of removable prostheses to the patient, explain reason and how to solve them.

Committee Outline

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

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input checked="" type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References

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

Quantification and Consideration

<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input type="checkbox"/>	Laboratory	<input type="checkbox"/>	Homework	<input type="checkbox"/>	Midterm exam
<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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	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	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	36	1	36
Preparation for the Theoretical Course	36	0,5	18
Preparation for the Committee Exam	1	30	30
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	20	20
Final Theoretical Exam	1	1	1
Total Workload			106
Total Workload / 30			106/30
ECTS Credits			~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC300	Compulsory	CS3	Periodontal Treatment

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
23	0	2	

Aim of the Committee

Teaching the causes and classification of bone loss in periodontal diseases, giving information about risk assessment and prognosis, explaining diagnosis and treatment plans.

Learning Outcomes

LO	After the completion of this committee, students will be able to ...	Learning Outcome
LO 1		diagnose periodontal diseases and etiological factors clinically and radiographically, determine prognosis.
LO 2		define the factors involved in the immune response of the periodontium.
LO 3		list the process steps, tools and equipment used for the treatment of different periodontal diseases.
LO 4		define the surgical phase of periodontal diseases, choose appropriate resective and regenerative treatment methods for the 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 treatment.

Committee Outline

Department	Subject Title	Hour
Periodontology	Immunity and inflammation	2
	Clinical diagnosis and risk assessment and advanced techniques in periodontal diagnosis	1
	Bone loss patterns	1
	Occlusal trauma	1
	Relationship with endodontic lesions	1
	Prognosis and treatment planning	1
	Scaling and root planning	1
	Patient motivation	1
Dentomaxillofacial Radiology	Periodontal radiology	2
Periodontology	Periodontal treatment in women and elders	1
	Aggressive and atypic periodontal treatment	1
	Periodontal abscess	1
	Treatment of acute periodontal disease	1
	Subgingival curettage	1
	Flap in periodontal pocket treatment	2
	Resective bone surgery and guided tissue regeneration	2
	Chemotherapeutic agents used in periodontal therapy	1
	Host modulation	1
Relationship between periodontology and orthodontics, and supportive periodontal treatment	1	

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input checked="" type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References

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

Quantification and Consideration

<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input type="checkbox"/>	Laboratory	<input type="checkbox"/>	Homework	<input type="checkbox"/>	Midterm exam
<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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	2	1	1	2	1	1	1	1
LO 2	2	2	1	1	1	1	1	1	1	1	1	1	1
LO 3	2	3	1	3	1	2	1	1	1	1	1	1	1
LO 4	2	3	2	3	1	2	1	1	1	1	1	1	1
LO 5	2	2	4	1	1	2	1	1	2	1	1	1	1
LO 6	2	3	3	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	23	1	23
Preparation for the Theoretical Course	23	0.5	11.5
Preparation for the Committee Exam	1	20	20
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	10	10
Final Theoretical Exam	1	1	1
Total Workload			66.5
Total Workload / 30			66.5/30
ECTS Credits			~2

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC300	Compulsory	CS4	Dental Tissue Diseases and Treatments IV

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
18	0	1	

Aim of the Committee

Teaching the appropriate endodontic approach and material selection in adult patients; explaining the management of complications that occur during and after endodontic treatment and treatment outcomes; teaching the approach to the child patient and the requirements of primary tooth extraction.

Learning Outcomes

LO 1	After the completion of this committee, students will be able to ...	select the appropriate number of treatment sessions and filling material for the root canal treatment, explain the reason.
LO 2		list the rules of asepsis of equipments 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 choose the solution method.
LO 5		distinguish endodontic - periodontal lesions and list treatment methods.
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, distinguish it from pathologies of odontogenic origin and chooses its treatment.
LO 8		list the radiological and microscopic diagnostic criteria of salivary gland diseases and tumors, explain their surgical treatments.

Committee Outline

Department	Subject Title	Hour
Endodontics	Root canal obturation materials	2
	Sterilization and disinfection of endodontic instruments and materials	1
	Evaluation of success in endodontic treatment	1
	Endodontic treatment complications	2
	Single and multi-session root canal treatments	2
	Endodontics-periodontology lesions	1
	Endodontic approach in dental anomalies	2
	Renewal of root canal filling (Retreatment)	1
	Root resorption	2
Pedodontics	Effects of restoration procedures on pulp	1
	Primary teeth cavity principles	1
	Pulp treatments in primary and young permanent teeth	2

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References

1	Chong BS (2019). Harty Klinik Uygulamada Endodonti, Çeviri editörü: Özçelik B, 7. baskı Elsevier, Güneş Tıp Kitabevi, Ankara
2	Torabinajad M, Fouad AF, Shabahang S (2021). Endodontics Principles and Practices. 6th ed. Elsevier, China.
3	Berman LH, Hargreaves K (2021). Cohen's Pathways of the Pulp. 12th ed. Elsevier, Canada.

Quantification and Consideration					
<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input type="checkbox"/>	Laboratory	<input type="checkbox"/>	Homework	<input type="checkbox"/>	Midterm exam
<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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	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
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	18	1	18
Preparation for the Theoretical Course	18	0.5	9
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			41
Total Workload / 30			41/30
ECTS Credits			~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC300	Compulsory	CS5	Local Anesthesia

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
14	0	1	

Aim of the Committee

Teaching the selection criteria and mechanism of action of anesthetic agents used in local anesthesia applied in all disciplines of dentistry, application methods and complications related to local anesthesia.

Learning Outcomes

LO 1	After the completion of this committee, students will be able to ...	list the historical processes and development of local anesthesia.
LO 2		define nerve conduction mechanisms and innervation of teeth.
LO 3		select the appropriate anesthetic agent according to the systemic conditions of the patients.
LO 4		explain the anesthesia technique that should be applied according to the procedure to be performed.
LO 5		compare dental anesthesia applications in pediatric patients with adult applications.
LO 6		list local anesthesia complications and management.

Committee Outline

Department	Subject Title	Hour
Oral and Maxillofacial Surgery	History of anesthesia, development of local anesthesia	1
	Pain physiology, pain routes, conduction mechanism in nerves	1
Pharmacology	Structures and effect mechanisms of local anesthetic substances	2
Oral and Maxillofacial Surgery	Local anesthetics substances and vasopressors	1
	N. trigeminus, n. facialis anatomy and teeth innervation	1
	Local anesthesia methods (regional, infiltration, troncular)	1
	Mandibular anesthesia	2
	Maxillary anesthesia	2
Pedodontics	Local anesthesia methods in children	1
Oral and Maxillofacial Surgery	Local complications of local anesthesia	1
	General complications of local anesthesia	1

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input type="checkbox"/>	Discussion	<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References

1	Ogle OE, Mahjoubi G. Local anesthesia: agents, techniques, and complications. Dent Clin North Am. 2012;56(1):133- 148.
2	Hupp JR, Ellis E, and Tucker MR (2019). Contemporary Oral and Maxillofacial Surgery. 7th ed. Elsevier Inc., Philadelphia, PA.
3	Malamed SF (2020). Handbook of Local Anesthesia. 7th ed. Elsevier Inc., New York.
4	Katzung BG (2012). Basic&Clinical Pharmacology, 10th ed. Appleton&Lange, San Francisco.
5	Dean J (2021). McDonald and Avery's Dentistry for the Child and Adolescent, 6th ed. Elsevier, Amsterdam.

Quantification and Consideration

x	Attendance		Clinical Rotation		Project
	Laboratory		Homework		Midterm exam

	Practice / Implementation		Presentation	x	Committee Exam
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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	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	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	1	1	1	1	1
LO 6	2	2	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	14	1	14
Preparation for the Theoretical Course	14	0.5	7
Preparation for the Committee Exam	1	10	10
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	5	5
Final Theoretical Exam	1	1	1
Total Workload			38
Total Workload / 30			38/30
ECTS Credits			~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC300	Compulsory	CS6	Dental Tissue Diseases and Treatments - V

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
23	0	2	

Aim of the Committee

Teaching the causes of substance loss and treatment approaches to primary and permanent teeth with substance loss; minimally invasive dentistry practices and adhesive systems.

Learning Outcomes

LO	After the completion of this committee, students will be able to ...	Learning Outcome
LO 1		list the treatment approaches according to the etiology of substance loss, select the techniques and materials to be applied.
LO 2		define the minimally invasive approach; list the materials, devices and techniques used.
LO 3		explain the development, properties and clinical applications of adhesive systems.
LO 4		define the properties of composite resins and choose the application technique.
LO 5		diagnose clinical failure in composite resin restorations and associate it with the solution method.
LO 6		define the application stages of stainless steel crowns.

Committee Outline

Department	Subject Title	Hour
Restorative Dentistry	Causes of tissue loss (abrasion, attrition, abfraction, erosion)	2
	Dentin pin and complex amalgam restorations	2
Prosthetic Dentistry	Ceramic inlays and onlays	1
	Restoration of endodontically treated teeth (prefabricated and cast posts)	1
Pedodontics	Stainless steel crowns and other restorations	2
Restorative Dentistry	Minimally invasive approaches to caries removal	2
	Modern cavity rules	1
	Adhesion	2
	Adhesive systems	2
	Composite resins	2
	Clinical application methods of composite resins	2
	Finishing and polishing in composite restorations	1
	Clinical failure in composite restorations	1
	Restoration repair, change criteria and clinical application methods	1
	Composite inlays and onlays	1

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input checked="" type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References

1	Welbury R, Duggal MS, Hosey MT (2018). Paediatric Dentistry. 5th ed. Oxford, England.
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.
3	Bonsor SJ. Are dentine pins obsolete? Dent Update. 2013;40(4):253-258.

4	Ritter AV, Boushell LW, Walter R (2016). Sturdevant's Art and Science of Operative Dentistry. 7th Ed. Elsevier Health Sciences.
5	Garg N, Garg A (2020). Textbook of Operative Dentistry. 4th Ed. Jaypee Brothers Medical Publishers.

Quantification and Consideration

<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input type="checkbox"/>	Laboratory	<input type="checkbox"/>	Homework	<input type="checkbox"/>	Midterm exam
<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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	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: 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	23	1	23
Preparation for the Theoretical Course	15	0.2	3
Preparation for the Committee Exam	1	20	20
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	17	17
Final Theoretical Exam	1	1	1
Total Workload			65
Total Workload / 30			65/30
ECTS Credits			~2

**NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE**

Course Code	Course Type	Committee Code	Committee Name
DTC300	Compulsory	CS7	Systemic Diseases

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
23	0	2	

Aim of the Committee

Teaching dentistry approaches, medications used and prophylactic approaches in children and adults with systemic diseases.

Learning Outcomes

LO 1	After the completion of this committee, students will be able to ...	list the precautions to be taken as a dentist in childhood diseases.
LO 2		explain the prophylaxis and treatment procedures to be followed in individuals with systemic disease.
LO 3		define the dentist's approach in contagious diseases.
LO 4		recognize laboratory test findings in systemic diseases.
LO 5		evaluate the role of drugs used in dentistry in treatment, select the appropriate drug for the case.

Committee Outline

Department	Subject Title	Hour
Pedodontics	Child diseases and dentistry	2
Periodontology	Periodontology and systemic diseases	2
Endodontics	Endodontics in systemic diseases	1
Oral and Maxillofacial Surgery	Surgical management of cardiovascular patients	1
	Surgical management of respiratory and endocrine patients	1
	Surgical management of coagulopathy patients	1
	Dentistry in infectious diseases	1
	Focal infection concept and prophylaxis	1
Biochemistry	Blood biochemistry and biochemical analysis	4
Pharmacology	Medicines and prescriptions used in dentistry	3
Oral and Maxillofacial Surgery	Drug used in dentistry and prescription	4
Endodontics	Systemic drug use in endodontics	2

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input type="checkbox"/>	Discussion	<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee 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	Berman LH, Hargreaves K (2021). Cohen's Pathways of the Pulp. 12th ed. Elsevier, Canada.
4	Bertossi D, Barone A, Iurlaro A, et al. Odontogenic Orofacial Infections. J Craniofac Surg. 2017;28(1):197-202.
5	Alpaslan C (2018). Ağız, Diş ve Çene Cerrahisi Kanıta Dayalı Tanı ve Tedavi Yaklaşımları. Quintessence Yayıncılık, İstanbul.

Quantification and Consideration

<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
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<input type="checkbox"/>	Laboratory	<input type="checkbox"/>	Homework	<input type="checkbox"/>	Midterm exam
<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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	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: 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	23	1	23
Preparation for the Theoretical Course	23	0.5	11.5
Preparation for the Committee Exam	1	20	20
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	10	10
Final Theoretical Exam	1	1	1
Total Workload			66.5
Total Workload / 30			106/30
ECTS Credits			~4

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DTC300	Compulsory	CS8	Orthodontic Approaches

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
18	0	1	

Aim of the Committee

Teaching orthodontics and the relationship between orthodontics with growth and development, teaching bone structure and formation, teaching growth and development terminology and basic principles, teaching the growth and development of the skull base, maxilla and mandible in prenatal and postnatal periods, teaching the development of dentition and teaching skeletal anomalies.

Learning Outcomes

Learning Outcome	After the completion of this committee, students will be able to	Description
LO 1	After the completion of this committee, students will be able to	explain the interactions of the jaw and facial bones in the craniofacial complex during the growth and development period.
LO 2		define the importance of growth and development in terms of orthodontic malocclusion and treatment, determine the timing of treatment.
LO 3		list the uses of removable appliances in orthodontic treatment.
LO 4		list the radiography techniques used in orthodontic examination.
LO 5		classify dental and skeletal anomalies and list their etiological factors.
LO 6		explain the displacement and remodeling mechanisms in bone tissue due to orthodontic movements.
LO 7		define the features of congenital anomalies and accompanying syndromes, distinguish genetic and environmental factors.

Committee Outline

Department	Subject Title	Hour
Orthodontics	Definition of orthodontics and its relationship with growth and development	1
	Bone growth centers and activities of these places	2
	Growth and development terminology and its basic principles, functional matrix theory	2
	Prenatal-postnatal development of maxilla	1
	Prenatal and postnatal growth and development of cranium and cranial base	1
	Growth and development of dental arches, transition from primary dentition to permanent dentition	1
	Removable appliances	1
	Factors influencing malocclusion etiology	1
	Orthodontic diagnosis and anamnesis, orthodontic model, cephalometry, periapical and occlusal films, and photograph	2
	Hand wrist films	1
	Skeletal and dental anomalies	2
	Orthodontic tooth movements and its histology	1
	Orthodontic evaluation of the stomatognathic system, hormones and habits	1
Congenital anomalies	1	

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References

1	Öz E, Küçükkeşmen Ç. Çocuklarda Maloklüzyon ve Ortodontik Tedavi İhtiyacı. Türkiye Klinikleri J Dental Sci. 2019;25(2):193-200.
2	Maden G, Kasımoğlu Y, Esen M, Tuna E. Diyet Faktörleri İle Maloklüzyon Arasındaki İlişkinin Değerlendirilmesi. Süleyman Demirel Üniversitesi Sağlık Bilimleri Dergisi. 2021; 12(1): 1-7.

3	Phulari BS (2017). Orthodontics: principles and practice. 2nd ed. Jaypee Brothers Medical Publishers, India.
4	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 Üniversitesi Sağlık Bilimleri Dergisi. 2022;13(1): 153-160.
5	Gopalakrishnan U, Mahendra L, Rangarajan S, Madasamy R, Ibrahim M. The Enigma behind Pituitary and Sella Turcica. Case Rep Dent. 2015;2015:954347.

Quantification and Consideration

<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input type="checkbox"/>	Laboratory	<input type="checkbox"/>	Homework	<input type="checkbox"/>	Midterm exam
<input type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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	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: 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	18	1	18
Preparation for the Theoretical Course	18	0.5	9
Preparation for the Committee Exam	1	7	7
Committee Exam	1	1	1
Preparation for the Final Theoretical Exam	1	5	5
Final Theoretical Exam	1	1	1
Total Workload			41
Total Workload / 30			41/30
ECTS Credits			~1

LO 4	2	2	2	1	1	1	1	1	1	1	1	1	1
LO 5	2	1	2	1	1	2	1	1	1	1	1	1	1
LO 6	2	1	3	3	1	1	1	3	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	13	1	13
Preparation for the Theoretical Course	13	0.5	6.5
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	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
DPC300	Compulsory	PC1	Restorative Dentistry

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
0	120	8	

Aim of the Committee

Teaching the preparation of conservative cavities in accordance with modern cavity rules, the application of composite resin restorations, Black III and Black IV cavity preparations prepared in the aesthetic region, and matrix and wedge applications, introducing modern cavities that will be suitable for caries formed according to the morphological structure of the teeth and explaining the selection of the most suitable restoration material in these cavities.

Learning Outcomes

LO 1	After the completion of this committee, student will be able to...	apply various cavity preparation techniques on maxillary and mandibular phantom teeth.
LO 2		apply capping treatment on maxillary and mandibular phantom teeth.
LO 3		apply the stages of composite restorations in order in the preclinical setting.

Committee Outline

Department	Subject Title	Hour
Restorative Dentistry	Application stages of different dentin adhesives	2
	Composite restoration application stages	2
	Wedge and matrix application for composite restoration in approximal cavities	4
	Box-only cavity application	8
	Application of box-only cavity restoration	12
	Application of tooth-specific cavities (maxillary I. molar, mandibular II. premolar occlusal)	12
	Implementation of tooth-specific cavity (maxillary first molar, mandibular II. premolar O+O cavity) restoration	12
	Application of capping treatment	4
	Slot - application of tunnel cavities	8
	Slot - implementation of tunnel cavities restoration	8
	Black III cavity application	8
	Application of Black III cavity restoration	12
	Black IV cavity application	8
	Application of Black IV cavity restoration	12
Quizzes	8	

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input checked="" type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References

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

Quantification and Consideration

<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input checked="" type="checkbox"/>	Laboratory	<input checked="" type="checkbox"/>	Homework	<input checked="" type="checkbox"/>	Quiz
<input checked="" type="checkbox"/>	Practical / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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
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: No	2: Poor	3: Moderate	4: Good	5: Very Good					

Workload and ECTS Calculation

Educational Tools	Amount	Duration (Hour)	Total Workload (Hour)
Practical course time	15	8	120
Preparation to the Practical Course	15	1.5	22.5
Assignment	15	4	60
Preparation to the Final Practical Exam	1	20	20
Final Practical Exam	1	3	3
Total Workload			225.5
Total Workload / 30			225.5/30
ECTS Credits			~ 8

**NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE**

Course Code	Course Type	Committee Code	Committee Name
DPC300	Compulsory	PC2	Prosthodontics

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
0	120	8	

Aim of the Committee

Teaching Kennedy classification in patients with partial tooth deficiency, introducing of axes, planes and movements that will occur depending on the classification; teaching the dental materials used in the fabrication of full and partial removable dentures and the application of laboratory fabrication stages.

Learning Outcomes

LO 1	After the completion of this committee, student will be able to...	select the materials and equipment used in the fabrication of removable prostheses.
LO 2		perform the impression procedure in the preclinical environment in cases where removable prosthesis will be applied.
LO 3		apply the laboratory fabrication stages of removable prostheses in a preclinical setting.

Committee Outline

Department	Subject Title	Hour
Prosthodontics	Introduction to the preclinic, general rules and material presentation	8
	Obtaining fully edentulous models and transferring them to the occlusor	8
	First impression and individualized tray fabrication in full dentures	8
	Taking the second impression with zinc oxide eugenol, boxing and obtaining the main model	32
	Applying base plate, wax rims and transferring to the occlusor in fully edentulous models	8
	Tooth alignment in full dentures	16
	Acrylic treatments, finishing, leveling and polishing in full dentures	8
	Individualized tray fabrication and impression in removable partial dentures	8
	Clasp bending in removable partial dentures	8
	Applying base plate, wax rims and transferring to the occlusor in removable partial dentures	8
	Acrylic treatments, finishing, leveling and polishing in removable partial dentures	8

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input checked="" type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References

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

Quantification and Consideration

<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input checked="" type="checkbox"/>	Laboratory	<input checked="" type="checkbox"/>	Homework	<input checked="" type="checkbox"/>	Quiz
<input checked="" type="checkbox"/>	Practical / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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
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: No		2: Poor		3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation

Educational Tools	Amount	Duration (Hour)	Total Workload (Hour)
Practical course time	15	8	120
Preparation to the Practical Course	15	1.5	22.5
Assignment	15	4	60
Preparation to the Final Practical Exam	1	20	20
Final Practical Exam	1	3	3
Total Workload			225.5
Total Workload / 30			225.5/30
ECTS Credits			~ 8

**NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE**

Course Code	Course Type	Committee Code	Committee Name
DPC300	Compulsory	PC3	Endodontics

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
0	120	8	

Aim of the Committee

Teaching the application of the endodontic procedures in accordance with the general principles of root canal treatment at the preclinical level in a simulation environment on all extracted maxillary and mandibular natural teeth extracted.

Learning Outcomes

LO 1	After the completion of this committee, student will be able to...	detect the root canal lengths of all maxillary and mandibular natural teeth radiographically.
LO 2		apply the cleaning, shaping, irrigation, and canal filling procedures of root canals by using traditional methods.

Committee Outline

Department	Subject Title	Hour
Endodontics	Preparation of teeth for root canal treatment	4
	Working length determination in root canal treatment	8
	Discussion and demonstration of the general principles of cleaning and shaping the root canals	8
	Discussion and demonstration of the general principles of filling root canals	8
	Cleaning and shaping of root canals in maxillary and mandibular incisors	16
	Filling of root canals in maxillary and mandibular incisors	8
	Cleaning and shaping of root canals in maxillary and mandibular canine teeth	12
	Filling of root canals in maxillary and mandibular canines	8
	Cleaning and shaping of root canals in maxillary and mandibular premolars	16
	Filling of root canals in maxillary and mandibular premolars	8
	Cleaning and shaping of root canals in maxillary and mandibular molars	16
Filling of root canals in maxillary and mandibular molars	8	

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input checked="" type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References

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

Quantification and Consideration

<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input checked="" type="checkbox"/>	Laboratory	<input checked="" type="checkbox"/>	Homework	<input checked="" type="checkbox"/>	Quiz
<input checked="" type="checkbox"/>	Practical / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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
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
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)
Practical course time	15	8	120
Preparation to the Practical Course	15	1.5	22.5
Assignment	15	4	60
Preparation to the Final Practical Exam	1	20	20
Final Practical Exam	1	3	3
Total Workload			225.5
Total Workload / 30			225.5/30
ECTS Credits			~ 8

**NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE**

Course Code	Course Type	Committee Code	Committee Name
DPC300	Compulsory	SPC1	Restorative Dentistry Simulation

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
0	44	2	

Aim of the Committee

Teaching how to work on phantom models in ergonomic conditions to form the basis for clinical applications in the mouth and teaching the application of restorative procedures to be performed in the mouth by simulating; introducing modern cavities that will be suitable for caries formed according to the morphological structure of the teeth and teaching the selection of the most suitable restoration material in these cavities.

Learning Outcomes

LO 1	After the completion of this committee, student will be able to...	choose the right approach position for both the phantom model and himself/herself, according to the region where the restorative procedures will be applied.
LO 2		recognize the hand tools to be used during the restorative process.
LO 3		perform modern cavity preparation in accordance with the morphology of the caries in the tooth.

Committee Outline

Department	Subject Title	Hour
Restorative Dentistry	Adjusting the position of the phantom model	2
	Adjusting the student position for ergonomic work according to the phantom model	2
	Introduction and use of hand tools to be used during restoration	4
	Implementation of restorative procedures in the mouth by simulating	4
	Occlusopalatal cavity application in maxillary molars	12
	Occlusobuccal cavity application to mandibular molars	12
	Exam	8

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input checked="" type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References

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

Quantification and Consideration

<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input checked="" type="checkbox"/>	Laboratory	<input checked="" type="checkbox"/>	Homework	<input checked="" type="checkbox"/>	Quiz
<input checked="" type="checkbox"/>	Practical / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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
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: No	2: Poor	3: Moderate	4: Good	5: Very Good
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Workload and ECTS Calculation

Educational Tools	Amount	Duration (Hour)	Total Workload (Hour)
Practical course time	11	4	44
Preparation to the Practical Course	10	1	10
Preparation to the Final Practical Exam	1	15	15
Final Practical Exam	1	3	3
		Total Workload	0
		Total Workload / 30	72/30
		ECTS Credits	~ 2

**NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE**

Course Code	Course Type	Committee Code	Committee Name
DPC300	Compulsory	SPC2	Prosthodontics Simulation

0

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
0	32	2	

Aim of the Committee

Preparing the student for the clinic by teaching dental materials used in the fabrication of fixed prosthetic restorations; the application of dental preparations and impression steps for crown, bridge, inlay and onlay restorations on phantom jaws in the simulation laboratory and post-core application methods on extracted permanent teeth.

Learning Outcomes

LO 1	After the completion of this committee, student will be able to...	select the correct position to perform the tooth preparation process.
LO 2		perform tooth preparation for different restoration types on the phantom model.
LO 3		perform restoration of permanent teeth with material loss with direct restorative materials.

Committee Outline

Department	Subject Title	Hour
Prosthodontics	Introduction to phantom, general rules and material introduction	4
	Anterior bridge preparation and impression in fixed prostheses	8
	Posterior bridge preparation and impression in fixed prostheses	8
	Full mouth bridge preparation and impression	8
	Post-core application and impression	4

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input checked="" type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References

1	Rosenstiel SF, Land MF, Walter R (2022). Contemporary Fixed Prosthodontics. 6th ed., Mosby.
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.
3	Sakaguchi RL, Powers JM (2019). Craig's Restorative Dental Materials. 14. baskı. Elsevier Mosby, St. Louis.
4	Demonstration videos

Quantification and Consideration

<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input checked="" type="checkbox"/>	Laboratory	<input checked="" type="checkbox"/>	Homework	<input checked="" type="checkbox"/>	Quiz
<input checked="" type="checkbox"/>	Practical / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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
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: No	2: Poor	3: Moderate	4: Good	5: Very Good					

Workload and ECTS Calculation			
Educational Tools	Amount	Duration (Hour)	Total Workload (Hour)
Practical course time	8	4	32
Preparation to the Practical Course	8	2	16
Preparation to the Final Practical Exam	1	15	15
Final Practical Exam	1	3	3
Total Workload			0
Total Workload / 30			66/30
ECTS Credits			~2

**NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE**

Course Code	Course Type	Committee Code	Committee Name
DPC300	Compulsory	SPC3	Orthodontics Simulation

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
0	4	1	

Aim of the Committee
Teaching the way of making removable appliances and clasp and arc bending for those appliances.

Learning Outcomes		
LO 1	After the completion of this committee, student will be able to...	apply vestibule arc, Adams clasp, and twist mainspring.
LO 2		apply the stages of acryl reaction in order.
LO 3		apply the fabrication stages of monoblock and essix platter.

Committee Outline		
Department	Subject Title	Hour
Orthodontics	Twisting vestibule arc, Adams clasp and mainspring	1
	Acrylic recoil and monoblock fabrication	1
	Essix making	1
	Basic arc form bending	1

Learning and Teaching Techniques of the Committee					
<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input checked="" type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References	
1	Ülgen M (2006). Ortodonti. Anomaliler, Sefalometri, Etiyoloji, Büyüme ve Gelişim, Tanı. 3. Baskı. Ankara Üniversitesi Diş Hekimliği Fakültesi Yayınları, Ankara.
2	Proffit WR, Fields H, Sarver DM (2012). Contemporary Orthodontics, 5th Ed., Mosby.
3	Course materials

Quantification and Consideration					
<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input checked="" type="checkbox"/>	Laboratory	<input checked="" type="checkbox"/>	Homework	<input checked="" type="checkbox"/>	Quiz
<input checked="" type="checkbox"/>	Practical / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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
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: No	2: Poor	3: Moderate	4: Good	5: Very Good					

Workload and ECTS Calculation			
Educational Tools	Amount	Duration (Hour)	Total Workload (Hour)
Practical course time	1	4	4

Preparation to the Practical Course	1	8	8
Preparation to the Final Practical Exam	1	10	10
Final Practical Exam	1	3	3
		Total Workload	0
		Total Workload / 30	25/30
		ECTS Credits	~1

**NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE**

Course Code	Course Type	Committee Code	Committee Name
DPC300	Compulsory	SPC4	Anesthesia

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
0	12	1	

Aim of the Committee
Teaching the application of local anesthesia equipment, techniques, and anesthetic solutions used in dentistry practice.

Learning Outcomes		
LO 1	After the completion of this committee, student will be able to...	select the appropriate local anesthetic agents and injectors for the case.
LO 2		apply maxillary and mandibular local anesthesia techniques.

Committee Outline		
Department	Subject Title	Hour
Oral and Maxillofacial Surgery	Identifying local anesthetic agents and injectors	3
	Introduction of general principles in local anesthesia	3
	Demonstration and application of maxillary anesthesia techniques	3
	Demonstration and application of mandibular anesthesia techniques	3

Learning and Teaching Techniques of the Committee					
<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input checked="" type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References	
1	Malamed SF (2020). Handbook of Local Anesthesia. 7th ed. Elsevier Inc., New York.
2	Baart JA, Brand HS (2017). Local Anaesthesia in Dentistry, 2nd Ed., Springer.
3	Koçak Berberoğlu H, Gürkan Köseoğlu B, Kasapoğlu Ç (2017). Quintessence Yayıncılık.

Quantification and Consideration					
x	Attendance		Clinical Rotation		Project
x	Laboratory	x	Homework	x	Quiz
x	Practical / Implementation		Presentation	x	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
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: No	2: Poor	3: Moderate	4: Good	5: Very Good					

Workload and ECTS Calculation			
Educational Tools	Amount	Duration (Hour)	Total Workload (Hour)
Practical course time	3	4	12
Preparation to the Practical Course	3	1	3
Preparation to the Final Practical Exam	1	5	5

Final Practical Exam	1	3	3
		Total Workload	0
		Total Workload / 30	23/30
		ECTS Credits	~1

**NEAR EAST UNIVERSITY FACULTY OF DENTISTRY
COMMITTEE OUTLINE**

Course Code	Course Type	Committee Code	Committee Name
DPC300	Compulsory	SPC5	Periodontology Simulation

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
0	4	1	

Aim of the Committee
Teaching the use of hand tools on phantom jaws in simulation laboratory; the implementation of processes of detertrage and curettage by explaining the patient and physician positions during the procedure.

Learning Outcomes		
LO 1	After the completion of this committee, student will be able to...	take the correct working position before the detertrage and curettage process.
LO 2		define the scales and curette types which are hand tools used in periodontal treatment.
LO 3		apply detertrage and curettage procedures on artificial teeth of different half jaws.

Committee Outline		
Department	Subject Title	Hour
Periodontology	Detertrage and curettage	2
	Introducing scales and curettes	1
	Physician and patient position during detertrage and curettage procedures	1

Learning and Teaching Techniques of the Committee					
<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input checked="" type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee 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	Course materials

Quantification and Consideration					
<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input checked="" type="checkbox"/>	Laboratory	<input checked="" type="checkbox"/>	Homework	<input checked="" type="checkbox"/>	Quiz
<input checked="" type="checkbox"/>	Practical / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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
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: No	2: Poor	3: Moderate	4: Good	5: Very Good					

Workload and ECTS Calculation			
Educational Tools	Amount	Duration (Hour)	Total Workload (Hour)
Practical course time	1	4	4
Preparation to the Practical Course	1	8	8

Preparation to the Final Practical Exam	1	5	5
Final Practical Exam	1	3	3
		Total Workload	0
		Total Workload / 30	20/30
		ECTS Credits	~1

NEAR EAST UNIVERSITY FACULTY OF DENTISTRY COMMITTEE OUTLINE

Course Code	Course Type	Committee Code	Committee Name
DPC300	Compulsory	SPC6	Pedodontics Simulation

Theoretical Course Hour	Practical Course Hour	ECTS	Committee Supervisor
0	56	3	

Aim of the Committee

Demonstrating and teaching tooth brushing training, protective and preventive treatment methods, primary tooth restorations in pediatric patients according to age groups.

Learning Outcomes

Learning Outcome	Description	
LO 1	After the completion of this committee, student will be able to...	provide tooth brushing training for different age groups on the phantom model.
LO 2		apply topical fluoride on the phantom model.
LO 3		apply fissure sealant on permanent and primary teeth.
LO 4		apply primary tooth restorations with all stages.
LO 5		apply the stages of primary tooth amputation in phantom teeth.

Committee Outline

Department	Subject Title	Hour
Pedodontics	Brushing training for different age groups/ fluoride polish application, completing booklet assignments	8
	Fissure sealant applications in extracted permanent and primary teeth, completing booklet assignments	8
	Compomer restorations in primary teeth	20
	Amputation of primary teeth	20

Learning and Teaching Techniques of the Committee

<input checked="" type="checkbox"/>	Expression	<input type="checkbox"/>	Experiment	<input type="checkbox"/>	Project Design / Management
<input checked="" type="checkbox"/>	Discussion	<input checked="" type="checkbox"/>	Practice / Implementation	<input type="checkbox"/>	Preparing / Presenting Reports
<input checked="" type="checkbox"/>	Question & Answer	<input type="checkbox"/>	Case Study	<input type="checkbox"/>	Team / Group Work
<input type="checkbox"/>	Observation	<input type="checkbox"/>	Problem / Problem Solving	<input type="checkbox"/>	Brainstorming

Committee References

1	Dean J (2021). McDonald and Avery's Dentistry for the Child and Adolescent. 11th ed. Elsevier, Amsterdam.
2	Welbury R, Duggal MS, Hosey MT (2018). Paediatric Dentistry 5th Ed., Oxford University Press.

Quantification and Consideration

<input checked="" type="checkbox"/>	Attendance	<input type="checkbox"/>	Clinical Rotation	<input type="checkbox"/>	Project
<input checked="" type="checkbox"/>	Laboratory	<input checked="" type="checkbox"/>	Homework	<input checked="" type="checkbox"/>	Quiz
<input checked="" type="checkbox"/>	Practical / Implementation	<input type="checkbox"/>	Presentation	<input checked="" type="checkbox"/>	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
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: No	2: Poor			3: Moderate		4: Good		5: Very Good	

Workload and ECTS Calculation			
Educational Tools	Amount	Duration (Hour)	Total Workload (Hour)
Practical course time	14	4	56
Preparation to the Practical Course	14	2	28
Preparation to the Final Practical Exam	1	15	15
Final Practical Exam	1	3	3
Total Workload			102
Total Workload / 30			102/30
ECTS Credits			~ 3

LO 3	3	2	1	2	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	1	1	1
Preparation for the Course	20	2	40
Visual assesment	20	1	20
Preparation for the Final Exam	1	30	30
Final Exam	1	14	14
		Total Workload	105
		Total Workload / 30	105/30
		ECTS Credits	≈ 4