RESTORATIVE DENTISTRY I

1	Course Title:	RESTORATIVE DENTISTRY I	
2	Course Code:	DHF205	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	3	
7	ECTS Credits Allocated:	6.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	4.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	70% theoretical course and 80% practical course attendance are required. Students are required to successfully complete and submit the announced homework within the given time. Students are required to compensate for their missing practical work on specified days and hours. A student who does not fulfill this obligation cannot take the final exam of that course and is considered to have zero marks from that course exam. If the student does not complete the practical works that are missing in the compensation period determined before the condition exam; he / she is not entitled to take the condition exam and he / she is considered to have received zero marks from that course exam.	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Dr. Ögr. Üyesi GÜL DİNÇ ATA	
15	Course Lecturers:	Dr. Öğr. Üyesi Gül DİNÇ ATA	
16	Contact information of the Course Coordinator:	gul@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	To provide knowledge and skills about cavity preparation techniques, caries removal methods, hand tools used in direct restoration, basic properties and manipulation of direct restorative materials.	
19	Contribution of the Course to Professional Development:	Çürük dokusunu doğru ve uygun şekilde uzaklaştırabilme, kalan diş dokusunu uygun materyalle doğru şekilde restore edebilme.	
20	Learning Outcomes:		
		1	To have knowledge about hand tools and burs used in direct restoration
		2	To have knowledge about traditional and modern cavity preparation principles
		3	To know the differences of cavity preparations prepared for adhesive and non-adhesive restorations
		4	To have knowledge about the basic properties and manipulations of direct restorative materials
		5	To have knowledge about caries removal methods
		6	To have knowledge about the concepts of adhesion and microleakage
		7	To have knowledge about Light Polymerization and Light Devices

	8	To be able to prepare different cavity types on simulation models and / or models, to be able to apply base and direct restorative materials to the prepared different cavity types.
	9	
	10	

21	Course Content:

Course Content

Theoretical	Practice
1 Hand Tools Used in Restorative Dentistry 2 Cavity preparation principles 3 Class I, II Cavity Preparations 4 Class III, IV, V Cavity Preparation 5 Conservative cavities, modern cavity rules 6 Matrix Systems and Wedge Applications 7 Matrix Systems and Wedge Applications 8 Cement Applications 9 Cement Applications 10 Amalgam Applications and Polishing 11 Amalgam applications in complex cavities 12 Amalgam applications in complex cavities 13 Pin Restorations 14 1st MIDTERM EXAM 15 Pin Restorations 16 Pin Restorations 17 Round, ultra fast and sonic instruments 18 Caries removal methods 19 Adhesion Concept 20 Adhesion Concept 21 Adhesive Material Applications 22 Adhesive Material Applications 23 Adhesive Material Applications 24 Light Polymerization and Light Devices 25 Light Polymerization and Light Devices 26 Microleakage 27 Microleakage 28 SECOND MID-TERM EXAM	

22	Textbooks, References and/or Other Materials:	1. Textbook of clinical cariology, Anders Thylstrup & Ole Fejerskov, Copenhagen : Munksgaard, 1994. 2. Pickard’s Manual of Operative Dentistry, E.A.M. Kıdd, B. G.N. Smith, H.M.Pıckard Oxford University Press Hong-Kong, 1990. 3. Essentials of Dental Caries, Edwina A. M. Kidd, Sally Joyston-Bechal, Oxford University Press, 1997. 4. Principles and Practice of Operative Dentistry, Gerald T. Charbeneau, Lea & Febiger, 1975. 5. Orban’ s Oral Histology and Embryology, S.N. Bhaskar , Mosby-Year Book, 1990. 6. Advances in Operative Dentistry, Nairn H.F. Wilson, Massimo Fuzzi, Jean-Francois Roulet, Quintessence Publishing Co Ltd, 1999. 7. Dental Materials and Their Selection, William J . O’ Brien , Quintessence Pub Co, 2009. 8. Textbook of Operative Dentistry, Lloyd Baum, Ralph W. Phillips, Melvin R. Lund, Philadelphia : Saunders, 1995. 9. Sturdevant's Art and Science of Operative Dentistry, Theodore Roberson, Harald O. Heymann, Edward J. Swift, Jr, Elsevier Health Sciences, 2006. 10. Konservatif Diş Tedavisi, Gündüz Bayırlı& Şükrü Şirin, Dünya Tıp Kitabevi Istanbul, 1982 11. Diş Çürükleri Fatma Koray Ulusal Tıp Kitapevi Istanbul, 1981. 12. Dayangaç B. Kompozit rezin restorasyonlar. Güneş Kitabevi; Ankara, 2000

23	Assesment

TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
Midterm Exam	2	30.00
Quiz	0	0.00
Home work-project	15	30.00
Final Exam	1	40.00
Total	18	100.00
Contribution of Term (Year) Learning Activities to Success Grade		60.00
Contribution of Final Exam to Success Grade		40.00
Total		100.00
Measurement and Evaluation Techniques Used in the Course		Midterm exams will only be held in the form of theoretical, final exams, theoretical and practical exams. The practical exam is a threshold and students who pass the practice exam will be entitled to take the theoretical exam

24 ECTS / WORK LOAD TABLE

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	28	2.00	56.00
Practicals/Labs	28	4.00	112.00
Self study and preperation	5	1.00	5.00
Homeworks	0	0.00	0.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	2	2.00	4.00
Others	0	0.00	0.00
Final Exams	1	3.00	3.00
Total Work Load			184.00
Total work load/ 30 hr			6.00
ECTS Credit of the Course			6.00

25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS

	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	1	1	5	5	1	5	1	1	1	1	1	1	1	4	1	0
ÖK2	5	5	5	5	1	1	1	1	4	1	1	3	1	5	1	0
ÖK3	1	1	5	4	1	1	1	1	5	1	1	3	1	1	1	0
ÖK4	1	1	5	5	4	1	1	1	5	1	5	5	3	1	1	0
ÖK5	5	4	5	4	1	1	1	1	5	0	4	4	3	1	1	0
ÖK6	5	5	4	5	1	1	1	1	1	1	1	1	1	4	1	0
ÖK7	1	1	5	5	1	1	1	1	1	1	1	1	1	1	1	0

ÖK8	4	4	4	5	5	5	1	1	1	1	1	1	1	1	1	0

LO: Learning Objectives PQ: Program Qualifications					
Contribution Level:	**1 very low**	**2 low**	**3 Medium**	**4 High**	**5 Very High**