RESTORATIVE DENTISTRY II

1	Course Title:	RESTORATIVE DENTISTRY II	
2	Course Code:	DHF305	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	3	
6	Semester:	5	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	1.00	
9	Practice (hour/week):	2.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	THEORITICAL - 70% PRECLINIC - 80%	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç. Dr. GÜL DİNÇ ATA	
15	Course Lecturers:	Dr. Öğr. Üyesi Gül DİNÇ ATA	
16	Contact information of the Course Coordinator:	zeynepceren@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	It is aimed to convey basic and current information in the field of restorative dental treatment, and to apply anterior and posterior composite applications related to restorative dental treatment, dentin sensitivity and treatments in professional practice throughout her professional life.	
19	Contribution of the Course to Professional Development:	Succesful students will know convey basic and current information in the field of restorative dental treatment, and to apply anterior and posterior composite applications related to restorative dental treatment, dentin sensitivity and treatments in professional practice throughout their professional life.	
20	Learning Outcomes:		
		1	Recognizes and effectively uses devices, instruments and materials (composite, ceramic, amalgam, post materials, etc.) that are specific to diagnosis and treatment in the field of restorative dental treatment.
		2	Can apply and demonstrate the appropriate ergonomics rules while applying restorative dental treatments.
		3	Can diagnose anterior aesthetic composite fillings and has the competence and skills to perform these applications effectively.
		4	Can diagnose posterior composite and amalgam fillings and has the competence and skills to perform these applications effectively.
		5	Can diagnose dentin sensitivity and perform its treatment.
		6	Can select the appropriate color in aesthetic anterior restorations and show the color selection steps in a phantom simulation environment.
		7	List Isolation Methods in Restorative Procedures and perform rubber dam/matrix/wedge applications in acrylic jaw and phantom environment.
		8	Can diagnose non-carious hard tissue lesions and perform restorative and preventive treatment in the clinical setting.

	9	Can list the finishing and polishing process steps in composite resins, classify the materials used in this field and show all the finishing processes in the phantom environment.
	10	Can list composite and amalgam restoration replacement indications, indicate in the clinical setting, and perform restoration retratment and repair.

21	Course Content:

Course Content

Theoretical	Practice
Working positions in phantom Ergonomics Composite Classification Color selection in restorative dentistry Posterior composite filling construction Challenges Encountered in Posterior Composite Filling Anterior composite filling construction Challenges Encountered in the construction of anterior composite filling Diagnosis of residual and secondary dentin caries Hairdressing Isolation Methods in Restorative Procedures Problems Encountered in Clinical Practices Non-carious dental hard tissue lesions Etiology of dentin sensitivity Diagnosing dentin sensitivity Dentin sensitivity Treatment Restorative Material Selection Finishing and Polishing Methods for Composite Resins Biocompatibility of restorative materials Minimally Invasive Approaches Composite and amalgam filling removal	

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	60.00
Quiz	0	0.00
Home work-project	0	0.00
Final Exam	1	40.00
Total	3	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		Multiple choice, open-ended question, practice exam, performance appraisal

24 ECTS / WORK LOAD TABLE

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	7	4.00	28.00
Homeworks	7	2.00	14.00
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	2.00	2.00
Total Work Load			90.00
Total work load/ 30 hr			3.00
ECTS Credit of the Course			3.00

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	2	3	2	2	2	3	3	3	3	2	3	2	3	2	3	2
ÖK2	2	2	3	3	3	5	4	5	4	4	3	2	2	2	2	2
ÖK3	3	2	4	3	3	0	3	3	3	3	2	2	2	2	2	2
ÖK4	2	3	3	2	3	2	3	3	3	3	4	3	3	3	3	3
ÖK5	2	3	3	2	3	2	2	3	2	3	3	2	3	3	4	4
ÖK6	2	2	2	3	3	0	4	4	4	4	3	3	3	2	2	3
ÖK7	3	3	3	4	2	2	3	3	3	2	3	4	4	4	4	2
ÖK8	2	3	3	2	3	2	2	2	3	3	3	2	4	3	3	2
ÖK9	4	4	4	5	4	3	2	2	2	2	2	3	3	3	2	3
ÖK10	2	3	2	4	4	4	3	3	2	2	2	3	2	3	2	2

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