

Course Description Form

1. Course Name:					
Conservative Dentistry					
2. Course Code: ZUDE0504					
3. Semester / Year: 2025-2026					
Annual					
4. Description Preparation Date:					
15/8/2025					
5. Available Attendance Forms:					
Weekly					
6. Number of Credit Hours (Total) / Number of Units (Total)					
60 hours (Theoretical) + 60 hours (Practical) (90 units)					
7. Course administrator's name (mention all, if more than one name)					
Name: lamees hamid habeeb Email: hamidhabeeb79@gmail.com					
8. Course Objectives					
Course Objectives		Teaching the students the theoretical and practical aspects of endodontics. Explain the theoretical and practical aspects of the detailed diagnostic and therapeutic steps of root canal treatment in addition to the devices, instruments and materials, microbiology and tooth discoloration			
9. Teaching and Learning Strategies					
Strategy		Using modern electronic means in addition to sources and references related to dental treatment sciences and root fillings, in addition to video clips and practical experiments to achieve a complete understanding of the vocabulary and practical application on patients in private dental treatment clinics in accordance with international standards			
10. Course structure					
Week	Hours	Subject name	Required learning outputs	Learning method	Assessment method

1	1 theoretical 2 practical	Endodontic diagnosis	Know signs and symptoms and methods of diagnosis in addition to instruments and devices used	Power Point lec.+ clinical work	Quiz & practical evaluation
2	1 theoretical 2 practical	Pain control in Endodontics	Know how to control painful conditions of the pulp during and after treatment sessions	Power Point lec.+ clinical work	Quiz & practical evaluation
3	1 theoretical 2 practical	Endodontic radiography	Know the role of X-ray in different phases of endodontic treatment	Power Point lec.+ clinical work	Quiz & practical evaluation
4	1 theoretical 2 practical	Working length Determination	Know the methods of measuring the length of the teeth and its influence on success of treatment	Power Point lec.+ clinical work	Quiz & practical evaluation
5+6	2 theoretical 4 practical	Microbiology	Know microbial species involved in pulpal and periapical pathology	Power Point lec.	Quiz & practical evaluation
7+8	2 theoretical 4 practical	Intracanal instruments	Know different root canal shaping instruments, their evolution, generations, properties and uses	Power Point lec.+ clinical work	Quiz & practical evaluation
9+10	2 theoretical 4 practical	Obturation of the root canal system	Know the materials, instruments and methods of ideal obturation, and its importance for success of treatment	Power Point lec.+ clinical work	Quiz & practical evaluation
11	1 theoretical 2 practical	Endodontic Emergency Treatment	Know the emergency conditions that the dentist might face and how to manage them	Power Point lec.+ clinical work	Quiz & practical evaluation
12	1 theoretical 2 practical	Restoration of Endodontically Treated Teeth	Know what makes endodontically treated teeth need special care and how to manage and restore them	Power Point lec.+ clinical work	Quiz & practical evaluation
13	1 theoretical 2 practical	Endodontic-Periodontal Relations	Know pathological conditions that involve the pulp and periodontal structures, classify them and how to manage them	Power Point lec.+ clinical work	Quiz & practical evaluation

14 + 15	2 theoretical 4 practical	Tooth discoloration and bleaching.	Know the causes, signs, and treatment of different types of teeth discoloration	Power Point lec.	Quiz & practical evaluation
11. Course evaluation					
Daily, quarterly, semi-annual and final theoretical exams + practical application on extracted teeth in the college's educational clinics					
12. Text book and references					
		Cohen's pathways of the pulp, eleventh edition			
		Ingle's endodontics 7			
		Scientific journals in the field of Endodontics			