

Course Description Form

((Preventive dentistry))

1. Course Name					
Preventive dentistry					
2. Course Code					
DENT545 DENT544					
3. Semester / Year					
Year					
4. The history of preparation of this description					
26/3/2024					
5. Available Attendance Forms					
Practical , theoretical					
6. Number of study hours (total)/number of units (total)					
60, 120, 60,60,120, 120,120,120					
7. Course administrator's name (if more than one name)					
Assist. Prof. Dr. Wissam Hamid Al-Janabi					
8. Course Objectives					
The course is designed to introduce and provide Dental students with an understanding concepts, principles and methods of prevention in Dentistry. An emphasis is given to causation and Epidemiology of common oral health problems in Saudi Arabia such as Dental caries and Periodontal diseases. The course describes the effect of Diet/Nutrition on oral health with a focus on primary preventive measures such as Fluoride therapy, plaque control measures, Sealants and Dental health programs.					
9. Teaching and Learning Strategies					
- Discuss the role of Fluoride in caries reduction and prevention, including mechanisms and methods of delivery. - Discuss caries risk assessment and its role in developing preventive treatment plans. → Describe the nutrients important for good dental health both pre and post eruptively and be able to analyze a diet for good health. - Describe various educating/learning styles and interpersonal communication techniques needed to motivate clients in their oral self care. - Develop strategies to prevent common oral health problems at the community level					
10. Course Structure (Microbiology)					
Evaluation method	Learning method	Unit or subject name	Required Learning Outcomes	Hours	The week
Daily exams Semester Exams Mid-Year	Theoretical lecture using PDF and Power Point	Prevention of oral diseases (introduction)	Preventive dentistry	1	1
		Dental caries development	Preventive dentistry	1	2
		Diagnosis of dental caries Detection systems of caries	Preventive dentistry	1	3

Exams Final Exam		Fluoride in Dentistry	Preventive dentistry	1	4
		Fluorides in prevention and controlling dental caries	Preventive dentistry	1	5
		Topical fluoride therapy Professionally applied fluoride	Preventive dentistry	1	6
		Topical fluoride therapy :Self-applied fluoride	Preventive dentistry	1	7
		Safety and toxicity of fluoride	Preventive dentistry	1	8
		Dental sealants	Preventive dentistry	1	9
		New approach in restorative dentistry	Preventive dentistry	1	10
		Microbiology of dental caries	Preventive dentistry	1	11
		Saliva and host defense mechanism	Preventive dentistry	1	12
		Caries risk assessment	Preventive dentistry	1	13
		infection control	Preventive dentistry	1	14
		Oral hygiene measures (Mechanical)	Preventive dentistry	1	15
		Oral hygiene measures (Chemical)	Preventive dentistry	1	16
		Diet and dental caries	Preventive dentistry	1	17
		Non- sugar sweeteners	Preventive dentistry	1	18
		Dietary counseling in dental practice	Preventive dentistry	1	19
		Nutrition and dental health	Preventive dentistry	1	20
		Prevention of periodontal disease and oral cancer by nutrition	Preventive dentistry	1	21
		Probiotics and dental health	Preventive dentistry	1	22
		Diagnosis and prevention of dental erosion	Preventive dentistry	1	23
		Prevention of malocclusion	Preventive dentistry	1	24
		preventive measure for population with developmental disabilities	Preventive dentistry	1	25
		preventive treatment strategies for medically compromised	Preventive dentistry	1	26
		Ozone in the prevention of dental diseases	Preventive dentistry	1	27
		Geriatric dentistry	Preventive dentistry	1	28
		Implant care	Preventive dentistry	1	29
		Protection of the dentition	Preventive dentistry	1	30
11. Course Evaluation					
Effectiveness of teaching assessment		Students	Course Evaluation Survey		
		Faculty	Quality of Exam Survey		
			CLO Mapping with teaching assessment. Course Blueprinting Grade Analysis		
		Peers	Grade Verification		

	Faculty member / Quality assurance committee	Direct assessment outcome analysis Course report preparation
	Students / Faculty	Academic advising survey Student experience survey
12. Learning and Teaching Resources		
Required textbooks (methodology, if any)	Preventive dentistry	
Main references (References)	Preventive dentistry	
Recommended supporting books and references (scientific journals, reports....)	Scientific journals and Preventive dentistry websites	
Electronic references, Internet sites	Websites on Preventive dentistry Topics, research on medical Preventive dentistry	