

Course Description Form

1. Course Name:	
Community Dentistry	
2. Course Code: ZUDE0306	
3. Semester / Year: 2025-2026	
Annual	
4. Description Preparation Date:	
12/8/2025	
5. Available Attendance Forms:	
Weekly as theoretical lectures and practical lab	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours (Theoretical) + 60 hours (Practical). (1 theoretical hours and two practical hours week)	
7. Course administrator's name (mention all, if more than one name)	
Name: Abrar Ali Ahmed Email: dent.abrar1994@alzahu.edu.iq	
8. Course Objectives	
Course Objectives	Teaching the students to the principles of public health and the role of dentistry in promoting oral and dental health at the individual and community levels. The course highlights the analysis of factors affecting oral health, methods of preventing oral diseases, and designing health awareness programs. It also focuses on developing scientific research skills and understanding health policies related to dentistry to improve community care.
9. Teaching and Learning Strategies	
Strategy	Strategies are based on interactive lectures to present theoretical information in attractive ways, project-based learning to analyze real health problems and propose practical solutions, enhancing learning through discussion and exchange of ideas. In addition to practical and field training to apply knowledge in real environments and visit health centers and local communities to study health needs. Education also includes laboratory work to simulate health conditions with the aim of linking the theoretical aspect with the practical.

10.Course structure					
Week	Hours	Subject name	Required learning outputs	Learning method	Assessment method
1	1	Dental public health	Learn about the community dentistry and tools of dental public health	Power point	Quiz
2	1	Dental public care	Learn how to plan dental care for patient and community	Power point	quiz
3	1	Epidemiology	Learn about the epidemiology and its objectives and how to measure it	Power point	quiz
4	1	Epidemiological studies	Learn about the types of studies and how to choose the right one	Power point	Clinical work and quiz
5	1	Experimental studies	Learn about the Experimental studies	Power point	Quiz
6	1	Epidemiology of dental caries	Definition of dental caries - Epidemiology -Etiological factors of dental caries - Factors affecting epidemiology of dental caries	Power point	Quiz
7	1	Epidemiology of Periodontal Disease	-Periodontal Diseases definition -Structure of the periodontal tissues -Epidemiology -Etiology of periodontal disease	Power point	Quiz
8	1	Epidemiology of Oral Cancer	Learn about the types of cancers and its etiology and the prevention level.	Power point	Quiz
9	1	Dental indices	Learn about Index, Uses of dental index, Classification of indices	Power point	Quiz
10	1	Indices used for assessment of dental caries	Learn about DMF index, Principles in recording DMF index, Calculation of DMFT/DMFS	Power point	Quiz
11	1	Indices used for assessment of periodontal disease	Learn about Gingival inflammation indices and Periodontal indices	Power point	Quiz
12	1	Dental fluorosis	Learn about Indices for assessment of dental fluorosis	Power point	Quiz
13	1	Biostatistics	Learn about Types of data, Methods of Data Collection, Sampling Technique, Types	Power point	Quiz

			of sample design		
14	1	Data presentation	Learn about Methods of data presentation, The tabulation of data	Power point	Quiz
15	1	Measures of central tendency & dispersion	Learn how to Measures of central tendency and Measures of dispersion	Power point	Quiz
16	1	Fluoridation as a public health measure	Learn about the Sources of Fluoride, Water fluoridation, Types of fluoride	Power point	Quiz
17	1	Fluoridation Mechanism and Effects	Learn about Anti-caries effects of fluoride and Side effects of fluoride	Power point	Quiz
18	1	Occupational hazards in dentistry	Learn about -Biological health hazards. -Physical hazards -Chemical hazards	Power point	Quiz
19	1	Environment and health	Learn about Physical, Biological and Psychological environment	Power point	Quiz
20	1	Effects of air pollution on health	Learn about Prevention and control of air pollution, Effects of radiation and Noise pollution	Power point	Quiz
21	1	School Dental Health Program	Learn about Purpose of School Health Program and Guidelines for an ideal school dental program	Power point	Quiz
22	1	Treatment need and demand	Learn about Need and Factors affecting dental demands	Power point	Quiz
23	1	Dental manpower	Learn about Dental health manpower planning and Steps in dental health manpower planning	Power point	Quiz
24	1	Ethics in dentistry	Learn about ethics and Ethical principles	Power point	Quiz
25	1	Oral health care for special populations	Learn about oral health of Elderly people, Pregnant women and Patients with special health care needs	Power point	Quiz
26	1	Forensic dentistry	Learn about the application of forensic dentistry like Bit marks And Person identification.	Power point	Quiz
	1	Dental auxiliary personal	Learn about Dental auxiliary classification	Power point	Quiz

	1	Primary health care	Learn about Principles of Primary health care and Community dental health services	Power point	Quiz
	1	Infection control	Learn about Concept of disease transmission and Transmission of infectious diseases	Power point	Quiz
	1	Dental health education	Learn about Aims of health education and Objective of health education	Power point	Quiz

11-Course Evaluation	
• Midyear written exam: 15 marks • Annual pursuit: 25 marks • Final clinical exam: 20 marks • Final written exam; 40 marks	
12-Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Harris NO, Garcia-Godoy F. Primary Preventive Denti 6 th edition, Publisher: Julie Levin Alexander, 2004.
Main references (sources)	Hiremath SS. Textbook of Preventive and Commu Dentistry. Elsevier, New Delhi India, 2007.
Recommended books and references (scientific journals, reports...)	. Community Dental Health Journal . Journal of Int Soc Prevent Community Dent
Electronic References, Websites	onlinelibrary.wiley.com/journal