



Course Specifications

Institution:	College Of Dentistry
Academic Department :	Preventive Dental Sciences
Programme :	Bachelor of Dental Surgery
Course :	Introduction to Dentistry
Course Coordinator :	Dr Hidayathulla Shaikh
Programme Coordinator :	Dr Abdul Rahman Al Atram
Course Specification Approved Date :	28/12/1435 H



A. Course Identification and General Information

1 - Course title :	Dental Public Health & Community Dentistry	Course Code:	PDS513
2. Credit hours :	(.....4.....)		
3 - Program(s) in which the course is offered:	Community Dentistry		
4 – Course Language :	English		
5 - Name of faculty member responsible for the course:	Dr Hidayathulla		
6 - Level/year at which this course is offered :	th5		
7 - Pre-requisites for this course (if any) :	<ul style="list-style-type: none"> • PDS222 		
8 - Co-requisites for this course (if any) :	<ul style="list-style-type: none"> • none 		
9 - Location if not on main campus :	College of Dentistry, Zulfi		
10 - Mode of Instruction (mark all that apply)			
A - Traditional classroom	<input checked="" type="checkbox"/>	What percentage?	80%
B - Blended (traditional and online)	<input checked="" type="checkbox"/>	What percentage?	10 %
D - e-learning	<input checked="" type="checkbox"/>	What percentage?	5 %
E - Correspondence	<input checked="" type="checkbox"/>	What percentage?	2 %
F - Other	<input checked="" type="checkbox"/>	What percentage?	3 %
Comments :	.....	

B Objectives

What is the main purpose for this course?
To identify the core functions and essential services of public health/dental public health.
To identify individual and population risk factors influencing oral health in Saudi Arabia.
To select appropriate population-based indices to measure caries and periodontitis at the population level.
To apply epidemiological and biostatistical principles to understand incidence and prevalence of diseases.
To select evidence-based approaches to review the literature.
To develop and carry out a dental public health program plan and an evaluation plan for outcome assessment.
To select and apply appropriate preventive and educational modalities in dental public health programs.
To contribute positively when working in a team environment during all phases of planning, conducting, and evaluating a dental public health program.



Briefly describe any plans for developing and improving the course that are being implemented :

Along with the regular lectures and practical sessions students will be allowed to participate in Community programs, oral health camps, outreach programs and also the school dental health programs.

They will be allowed to participate in research survey in order to find the prevalence and incidence of many oral diseases like dental Fluorosis, dental caries, malocclusion, periodontal diseases etc, through various epidemiological investigations.

C. Course Description

1. Topics to be Covered

List of Topics (1 st semester)	No. of Weeks	Contact Hours
Introduction to Dental Public Health and Community Dentistry Introducing Dental Public Health and Community Dentistry, Assessment and evaluation system	1	1
Indices used in dentistry Definition, ideal requisites, selection criteria, classification, uses and different types	2	2
Oral Health Education Definition, objectives, approaches, models and principles.	2	2
Epidemiology Aims, principles, tools, uses and epidemiological methods a. Descriptive b. Analytical c. Experimental	3	3
Survey Procedures in Dentistry Types, uses, methods of data collection, steps in surveying, oral health surveys, WHO oral health assessment form.	2	2
Planning and Evaluation Uses, types, steps, rational planning model, evaluation frame work	2	2
Screening Concepts, uses, criteria, sensitivity and specificity.	1	1
Evidence Based Dentistry Steps , methodology and format	1	1
Revision	1	1





Practical Sessions (1st semester)		
Dental college Recording case history with any relevant indices / WHO oral health assessment form followed by treatment.	1	3
School or Community Visit to the school or any community / camp / organization, oral screening, health education, referral of patients to dental college.	1	3
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School or Community Visit to the school or any community / camp / organization, oral screening, health education, referral of patients to dental college.	1	3
Dental college	1	3





Recording case history with any relevant indices / WHO oral health assessment form followed by treatment.		
School or Community Visit to the school or any community / camp / organization, oral screening, health education, referral of patients to dental college.	1	3
Revision	1	3
List of Topics (2nd semester)	No. of Weeks	Contact Hours
Journal Club Evaluation Definition, types, format and critical evaluation	1	1
Dental Manpower Definitions, classification, rationale, types, their work and benefit	2	2
Planning Dental Manpower Criteria , consideration for planning and WHO information for planning	1	1
School Dental Health Programs Objectives, ideal requirements, planning, different school oral health programs & incremental dental care.	2	2
Financing in Dental Care Structure of dental practice, dental plan standards, classification of payment plans.	2	2
Atraumatic Restorative Treatment (ART) Principles, indication, contraindications, advantages and procedure.	1	1
Diet and Dental Caries Evidence linking diet and dental caries, Stephan curve, preventive dietary program, dietary counseling	2	2
Waste Management Types, disposal of health care waste, segregation of hospital waste by color coding bags.	2	2
Health Agencies Around the World Objectives, quarantine, international health agencies like WHO, UNICEF, CARE.	2	2
Practical Session (2nd Semester)		
Dental college Recording case history with any relevant indices / WHO oral health	1	3





assessment form followed by treatment.		
School or Community Visit to the school or any community / camp / organization, oral screening, health education, referral of patients to dental college.	1	3
Dental college Recording case history with any relevant indices / WHO oral health assessment form followed by treatment.	1	3
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Dental college Recording case history with any relevant indices / WHO oral health assessment form followed by treatment.	1	3
School or Community	1	3



Visit to the school or any community / camp / organization, oral screening, health education, referral of patients to dental college.		
Revision	1	3

2. Course components (total contact hours and credits per semester):

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
Contact Hours	15	.....	.....	45	.....	60
Credit	1	.....	.....	1	.....	2

3. Additional private study/learning hours expected for students per week.

2

4. Course Learning Outcomes in NQF Domains of Learning and Alignment with Assessment Methods and Teaching Strategy

	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
1.0	Knowledge		
1.1	To identify the core functions and essential services of public health/dental public health.	Inter active lectures	Noticing students activity in learning,
1.2	To understand types, uses, methods recording various tyoes of indices used in dentistry	Text books,	Their participation in class rooms with assignmants





	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
1.3	To select appropriate population-based indices to measure caries and periodontitis at the population level.	Discussions	Reinforcement and reviews in the form of tests and motivation
1.4	To apply epidemiological and biostatistical principles to understand incidence and prevalence of diseases.	Problem based learning	Solving cases
1.5	To select evidence-based approaches to review the literature.	Journal club	Group discussions
1.6	.....	.....	.....
2.0	Cognitive Skills		
2.1	Interest in the subject	Lectures, textbooks websites, pamphlets	Viva voce, ,
2.2	Their active participation and obedience	seminars, videos	written Examination
2.3	Project work completion	websites, pamphlets	assignments, projects
2.4	Basic needs of people related to oral health	Outreach programs	Skits, dramas
2.5			
2.6	.....	.....	.....
3.0	Interpersonal Skills & Responsibility		
3.1	Identifying individual and population risk factors influencing oral health in Saudi Arabia.	Surveys	Short term and long term research programs
3.2	Motivating them to solve the issues based on problem based learning	One to one communication,	Their participation, completion of their assigned works
3.3	Reviving the clinical practice based on evidence based dentistry	discussion,	Observing their attitudes and behavior
3.4	Seeding the vistas of research oriented programs	lectures,	Project works
3.5	Searching for research topics and implementation in the community	Counseling	Guided e learning





	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
3.6			
4.0	Communication, Information Technology, Numerical		
4.1	Improving their communication and debating skills	Seminars, website content assignments,	Seminars,
4.2	Identifying different sources of learning	e learning	debates, group discussions,
4.3	Abreast with the recent developments	Use of all audio visual aids	panel discussions
4.4	Use of scientific literature with journal club appraisal	journals	journal club ationevali
4.5	Taking up health education programs for the community	Organizing Community programs	Response and feedback from the audiences
4.6	.....	.....	.....
5.0	Psychomotor		
5.1	Ability to do instrumentation and record index correctly	Training in practical sessions	Cross checking the parameters
5.2	Filling WHO oral health assessment proforma	Training in practical sessions and outreach programs	Comparing with the criteria's of WHO proforma
5.3	.....	.....	.....
5.4	.....	.....	.....
5.5	.....	.....	.....
5.6	.....	.....	.....

5. Schedule of Assessment Tasks for Students During the Semester:

	Assessment task	Week Due	Proportion of Total Assessment
1	Quiz	During semester	3%
2	Research	During semester	3%
3	Home work	During semester	2%





4	Presentation	During semester	2%
5	Behavior and Attitude	During semester	5%
6	Practical Assessment	During semester	25%
7	Midterm exam	8 th - 10 th week	20%
8	Final exam	18 th – 20 th week	40% (30% for theory and 10% for practical)





D. Student Academic Counseling and Support

- Library hours 2 hrs / week
- Contact in office 4 hrs / week.
- Discussion will be done with them, motivated and encouraged to perform their tasks.

E. Learning Resources

1. List Required Textbooks :

- **Soben peter. Essentials of Preventive and Community Dentistry, 2nd edition**
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2. List Essential References Materials :

- **S.S. Hiremath. Text Book of Preventive and Community Dentistry. 2nd edition, 2007.**
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3. List Recommended Textbooks and Reference Material :

- K Park, Text Book of Preventive and Social Medicine, 23rd edition.
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4. List Electronic Materials :

- Specific URL address for downloads, scientific channels.
- Lecture presentations.
- Dentistry related websites in Saudi Digital Library
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5. Other learning material :

- Data from Continued Medical or Dental Education programs
- Practical knowledge and understanding from outreach programs, community programs and school oral health programs
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F. Facilities Required

1. Accommodation

- Class rooms with international standards containing over head projectors with smart boards attached.
- School for adoption to carry out our school oral health programs
- Suitable neat and clean place near any under privilege community to carry our outreach and community programs

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2. Computing resources

- Laptops, speakers, microphones, smart boards, pointers.
- Health education materials like charts, pamphlets, power points, posters and models

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3. Other resources

- Instruments like mouth mirrors, probes, illumination devices, CPI-C probes, disposable diagnostic kits, personnel protective equipments.
- WHO oral health assessment forms, tooth paste and tooth brush gift hamper for children in schools.

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G Course Evaluation and Improvement Processes

1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching:

- Conducting survey using questioners for evaluation
- Discussion with students

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2 Other Strategies for Evaluation of Teaching by the Program/Department Instructor :

- Peer review feedbacks
- Students feedbacks
- Feedback by the people among the community and schools

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3 Processes for Improvement of Teaching :

- Teachers training programs
- Participation of teachers in CME or CDE programs, conventions and conferences.

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4. Processes for Verifying Standards of Student Achievement

- By calling an Examiner for examination from another University
- Evaluation of students by college committee.

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5 Describe the planning arrangements for periodically reviewing course





effectiveness and planning for improvement :

- Committee meetings, students and teacher’s feedback, course evaluation, student’s improvement through surveys, applying the knowledge gained in field works.
- Correlating the theoretical knowledge with the practical skill and measuring their outcomes using various relevant indices and research proposals,
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Course Specification Approved
Department Official Meeting No (2) Date 28/12/1435 H

Course’s Coordinator

Name : Dr Hidayathulla Shaikh
Signature :
Date : / ... / H

Department Head

Name :
Signature :
Date : / ... / H

