



# Course Specifications

Institution:	College Of Dentistry
Academic Department :	Preventive Dental Sciences
Programme :	Bachelor of Dental Surgery
Course :	Behavioral 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 : <b>Preventive Dentistry</b>	Course Code: <b>222 PDS</b>
2. Credit hours : ( .....1..... )	
3 - Program(s) in which the course is offered: <b>Community Dentistry</b>	
4 - Course Language : <b>English</b>	
5 - Name of faculty member responsible for the course: <b>Dr Hidayathulla</b>	
6 - Level/year at which this course is offered : <b>2<sup>nd</sup> year, 2<sup>nd</sup> semester</b>	
7 - Pre-requisites for this course (if any) : • .....None.....	
8 - Co-requisites for this course (if any) : • .....None.....	
9 - Location if not on main campus : <b>College of Dentistry, Zulfi</b>	
10 - Mode of Instruction (mark all that apply)	
A - Traditional classroom	<input checked="" type="checkbox"/> What percentage? <b>...95.... %</b>
B - Blended (traditional and online)	<input checked="" type="checkbox"/> What percentage? <b>...3.... %</b>
D - e-learning	<input checked="" type="checkbox"/> What percentage? <b>...1.... %</b>
E - Correspondence	<input checked="" type="checkbox"/> What percentage? <b>...1.... %</b>
F - Other	<input type="checkbox"/> What percentage? <b>..... %</b>
Comments : .....	

## B Objectives

**What is the main purpose for this course?**

- 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





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

- Increased use of audiovisual aids like models, video, power point presentation and pictures.
- Use book site and student resources: some useful video, websites, post test questions, quick answer questions.

## C. Course Description

### 1. Topics to be Covered

List of Topics	No. of Weeks	Contact Hours
Introduction to Preventive Dentistry Introducing Preventive Dentistry, Assessment and evaluation system	1	1
Concepts, Principles & Methods of Preventive Dentistry Concepts of preventive dentistry, Scope of preventive dentistry with its principles,	1	1
Epidemiology of Dental caries Epidemiology, theories of caries etiology, and prevention.	1	1
Epidemiology of Periodontal Disease Epidemiology, plaque hypothesis, etiology and prevention.	1	1
Diet/Nutrition and Oral health Classification of foods, nutrients, balanced diet, effect of nutrition on oral tissues.	2	2
Fluorides in Dentistry Sources, mechanism of action & fluoride delivery methods	2	2
Plaque control measures Tooth brushes, oral hygiene methods and other oral hygiene aids	2	2
Pit and Fissure Sealants Types, materials, indications, contraindication and procedure	1	1
Dental Public Health Programs Dental public health programs, types, overview, planning and evaluation	2	2
Caries risk assessment Indications, risk indicators and cariogram	1	1
Revision	1	1



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

	Lecture	Tutorial	Laboratory	Practical	Other:	Total
<b>Contact Hours</b>	.....15.....	.....	.....	.....	.....	.....15.....
<b>Credit</b>	.....1.....	.....	.....	.....	.....	.....1.....

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

.....2.....
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## 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
<b>1.0</b>	<b>Knowledge</b>		
<b>1.1</b>	To know the role of Fluoride in caries reduction and prevention, including mechanisms and methods of delivery.	Inter active lectures	Noticing students activity in learning,
<b>1.2</b>	To understand what is caries risk assessment and its role in developing preventive treatment plans	Text books	Their participation in class rooms
<b>1.3</b>	The importance of nutrients for good dental health both pre and post eruptively and be able to analyze a diet for good health.	Discussions	Reinforcement and reviews in the form of tests and motivation





	<b>NQF Learning Domains And Course Learning Outcomes</b>	<b>Course Teaching Strategies</b>	<b>Course Assessment Methods</b>
<b>1.4</b>	To describe various educating/learning styles and interpersonal communication techniques needed to motivate clients in their oral self care.	Journals and articles	Discussions
<b>1.5</b>	To develop strategies to prevent common oral health problems at the community level.	Problem based learning	Written examination and quizzes.
<b>1.6</b>			
<b>2.0</b>	<b>Cognitive Skills</b>		
<b>2.1</b>	Interest in the subject	Lectures, textbooks,	Written examination
<b>2.2</b>	Their active participation and obedience	seminars, videos,	Viva voce
<b>2.3</b>	Project work and assignment completion	websites, pamphlets	Assignment and projects
<b>2.4</b>			
<b>2.5</b>			
<b>2.6</b>			
<b>3.0</b>	<b>Interpersonal Skills &amp; Responsibility</b>		
<b>3.1</b>	Understanding the concepts, principles and methods of prevention in Dentistry.	One to one communication, discussion	Their participation, completion of their assigned works
<b>3.2</b>	An emphasis is given to the causation and Epidemiology of common oral health problems in Saudi Arabia such as Dental caries and Periodontal diseases.	Lectures journals and articles	Observing their attitudes and behavior and knowledge
<b>3.3</b>	To know the effect of Diet/Nutrition on oral health with a focus on primary preventive measures such as Fluoride therapy, plaque control measure, Sealants and Dental health programs	lectures, counseling	Project works
<b>3.4</b>			





	NQF Learning Domains And Course Learning Outcomes	Course Teaching Strategies	Course Assessment Methods
3.5			
3.6			
<b>4.0</b>	<b>Communication, Information Technology, Numerical</b>		
4.1	Improving their communication and debating skills	Seminars, website content assignments,	Seminars, debates,
4.2	Identifying different sources of learning	e learning	group discussions,
4.3	Abreast with the recent developments	Use of all audio visual aids	panel discussions
4.4			
4.5			
4.6			
<b>5.0</b>	<b>Psychomotor</b>		
5.1	.....None.....	.....	.....
5.2	.....	.....	.....
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	4%
2	Research	During semester	4%
3	Home work	During semester	4%
4	Presentation	During semester	3%
5	Behavior and Attitude	During semester	4%





<b>6</b>	<b>Midterm exam</b>	8-10	40%
<b>7</b>	<b>Final exam</b>	18-19	40%
<b>8</b>	<b>Total</b>		100





## 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 :

- Primary Preventive Dentistry, Norman o Harris, 2013, 8<sup>th</sup> edition,
- .....
- .....

### 2. List Essential References Materials :

- Text Book of Preventive and Community Dentistry, Soben Peter, 2011, 4<sup>th</sup> edition
- .....
- .....

### 3. List Recommended Textbooks and Reference Material :

- Comprehensive Preventive Dentistry, Hardy Limeback, 2012, 1<sup>st</sup> edition. ....
- .....

### 4. List Electronic Materials :

- Specific URL address for downloads, scientific channels.
- Lecture presentations.
- .....
- .....

### 5. Other learning material :

- Data from Continued Medical or Dental Education programs
- .....
- .....

## F. Facilities Required







<p><b>1. Accommodation</b></p> <ul style="list-style-type: none"> <li>➤ Class rooms with international standards containing over head projectors with smart boards attached enough number of chairs, a podium, and proper ventilation.</li> <li>• .....</li> </ul>
<p><b>2. Computing resources</b></p> <ul style="list-style-type: none"> <li>➤ Laptops, speakers, microphones, pointers, smart boards.</li> <li>• .....</li> </ul>
<p><b>3. Other resources</b></p> <ul style="list-style-type: none"> <li>• .....None.....</li> <li>• .....</li> <li>• .....</li> </ul>

**G Course Evaluation and Improvement Processes**

<p><b>1 Strategies for Obtaining Student Feedback on Effectiveness of Teaching:</b></p> <ul style="list-style-type: none"> <li>➤ Conducting survey using questioners for evaluation</li> <li>• .....</li> <li>• .....</li> </ul>
<p><b>2 Other Strategies for Evaluation of Teaching by the Program/Department Instructor :</b></p> <ul style="list-style-type: none"> <li>➤ Peer review feedbacks</li> <li>➤ Students feedbacks</li> <li>• .....</li> </ul>
<p><b>3 Processes for Improvement of Teaching :</b></p> <ul style="list-style-type: none"> <li>➤ Teachers training programs</li> <li>➤ Participation of teachers in CME or CDE programs, conventions and conferences.</li> <li>• .....</li> </ul>
<p><b>4. Processes for Verifying Standards of Student Achievement</b></p> <ul style="list-style-type: none"> <li>➤ By calling an Examiner for examination from another University</li> <li>➤ Evaluation of students by college committee.</li> <li>• .....</li> </ul>
<p><b>5 Describe the planning arrangements for periodically reviewing course effectiveness and planning for improvement :</b></p> <ul style="list-style-type: none"> <li>➤ Committee meetings, students and teacher’s feedback, course evaluation, student’s improvement through surveys, applying the knowledge gained in field works.</li> <li>• .....</li> </ul>

**Course Specification Approved**  
**Department Official Meeting No ( ...2.. ) Date 28/12/1435 H**

**Course’s Coordinator**

**Department Head**





**Name :** Dr Hidayathulla Shiakh

**Name :** .....

**Signature :** .....

**Signature :** .....

**Date :** .../ .../ ..... H

**Date :** .../ .../ ..... H

