



## Module (Prevention) Catalogue 2025-2026

College/ Institute	Erbil medical technical institute	
Department	Department of dental assistant	
Module Name	Prevention	
Module Code	DEP 311	
Degree	Technical Diploma <input checked="" type="checkbox"/>	Bachelor <input type="checkbox"/>
	High Diploma	Master <input type="checkbox"/>
		PhD <input type="checkbox"/>
Semester	3ed	
Qualification	BDS, MSC. PhD. Orthodontics	
Scientific Title	lecturer	
ECTS (Credits)	6	
Module type	Prerequisite <input type="checkbox"/>	Core <input checked="" type="checkbox"/> Assist. <input type="checkbox"/>
Weekly hours	5	
Weekly hours (Theory)	( 2 )hr Class	( )Total hrs Workload
Weekly hours (Practical)	( 4 )hr Class	( )Total hrs Workload
Number of Weeks	16	
Lecturer (Theory)	Dr. Haval Jalal Rasheed	
E-Mail & Mobile NO.	<a href="mailto:Haval.rasheed@epu.edu.iq">Haval.rasheed@epu.edu.iq</a> 07504473642	
Lecturer (Practical)	Dr. Haval Jalal Rasheed	
E-Mail & Mobile NO.	Haval.rasheed@epu.edu.iq 07504473642	
Websites		

# Course Book

<p><b>Course Description</b></p>	<p>course introduces dental assistant students to the principles and practices of preventive dentistry. It emphasizes oral hygiene instruction, fluoride application, sealants, dietary counseling, and infection control. Students will develop the knowledge and skills to support patient education and promote long-term oral health</p>
<p><b>Course objectives</b></p>	<p>This course aims to provide dental assistant students with fundamental knowledge of preventive dentistry and its role in oral health care. It focuses on understanding caries prevention, oral hygiene practices, fluoride use, and sealant application. Students will learn infection control and patient motivation strategies in preventive care. The course prepares students to effectively assist in clinical prevention and educate patients on maintaining oral health.</p>
<p><b>Student's obligation</b></p>	<ul style="list-style-type: none"> <li>• Attend all theory and practical sessions regularly and on time.</li> <li>• Actively participate in class discussions, demonstrations, and practical exercises.</li> <li>• Complete assigned readings, homework, and practical tasks before deadlines.</li> <li>• Maintain professional behavior, respect infection control standards, and follow clinic/lab safety rules.</li> <li>• Prepare for quizzes, mid-course evaluations, and the final assessment to demonstrate acquired knowledge and skills.</li> </ul>
<p><b>Required Learning Materials</b></p>	<ul style="list-style-type: none"> <li>• Classroom lectures</li> <li>• Demonstrations</li> <li>• Tests and exams</li> <li>• Review for exams</li> <li>• Textbook reading assignments</li> </ul> <p>Using: data show, white board, videos , pre lecture printed paper including all lecture information's, using anatomical models , 3D applications available wither on PC or smart phones.</p>

Evaluation	Task		Weight (Marks)	Due Week	Relevant Learning Outcome
	Paper Review		0		
	Assignments	Homework	2		
		Class Activity	0		
		Report	8		
		Seminar	3		
		Essay	4		
		Project	4		
	Quiz		2		
	Lab.		12		
	Midterm Exam		25		
	Final Exam		40		
	Total		100		
Specific learning outcome:	<p>1. <b>Explain</b> the basic concepts and importance of preventive dentistry.</p> <p>2. <b>Identify</b> the causes of dental caries and gingival disease, and relate them to preventive measures.</p> <p>3. <b>Demonstrate</b> correct oral hygiene techniques, including brushing and interdental cleaning.</p> <p>4. <b>Assist</b> in the application of fluoride and pit-and-fissure sealants under supervision.</p> <p>5. <b>Apply</b> principles of dietary counseling to promote oral health.</p> <p>6. <b>Follow</b> infection control and safety protocols in preventive dental procedures.</p> <p>7. <b>Communicate</b> effectively with patients to motivate and reinforce preventive practices.</p>				
Course References:	<ol style="list-style-type: none"> <li><b>Darby, M.L. &amp; Walsh, M.M.</b> <i>Dental Hygiene: Theory and Practice</i>. 5th ed. Elsevier, 2019.</li> <li><b>Featherstone, J.D.B.</b> "The science and practice of caries prevention." <i>Journal of the American Dental Association (JADA)</i>, 2000; updated concepts in later reviews.</li> <li><b>Gluck, G. &amp; Morganstein, W.</b> <i>Jong's Community Dental Health</i>. 6th ed. Elsevier, 2016.</li> <li><b>Harris, N.O., Garcia-Godoy, F. &amp; Nathe, C.N.</b> <i>Primary Preventive Dentistry</i>. 9th ed. Pearson, 2017.</li> <li><b>Wilkins, E.M.</b> <i>Clinical Practice of the Dental Hygienist</i>. 13th ed. Wolters Kluwer, 2020.</li> <li><b>Petersen, P.E.</b> "The World Oral Health Report." <i>WHO</i>, 2003 and subsequent updates</li> </ol>				

<b>Course topics (Theory)</b>	<b>Week</b>	<b>Learning Outcome</b>
Introduction to Preventive Dentistry	1	Concepts & Techniques
Oral Cavity and Dental Caries Process	2	Concepts & Techniques
Dental Plaque and Calculus	3	Concepts & Techniques
Gingival and Periodontal Health	4	Concepts & Techniques
Oral Hygiene Methods	5	Concepts & Techniques
Fluoride in Preventive Dentistry	6	Concepts & Techniques
Pit and Fissure Sealants	7	Concepts & Techniques
Diet and Dental Health	8	Concepts & Techniques
Preventive Strategies for Children	9	Concepts & Techniques
Preventive Strategies for Adults and Elderly	10	Concepts & Techniques
Infection Control in Preventive Dentistry	11	Concepts & Techniques
Patient Motivation and Health Education	12	Concepts & Techniques
<b>Practical Topics</b>	<b>Week</b>	<b>Learning Outcome</b>
<b>Lab Orientation &amp; Safety</b>	1	Terminology and technique
<b>Tooth Identification &amp; Charting</b>	2	Terminology and technique

<b>Plaque Disclosure</b>	3	Terminology and technique
<b>Gingival Health Check</b>	4	Terminology and technique
<b>Toothbrushing Techniques</b>	5	Terminology and technique
<b>Flossing &amp; Interdental Aids</b>	6	Terminology and technique
<b>Topical Fluoride Application</b>	7	Terminology and technique
<b>Sealant Application (Simulation)</b>	8	Terminology and technique
<b>Diet Counseling Role-play</b>	9	Terminology and technique
<b>Pediatric Preventive Care</b>	10	Terminology and technique
<b>Infection Control Practice</b>	11	Terminology and technique
<b>Patient Education &amp; Motivation</b>	12	Terminology and technique

## Questions Example Design

**Question:**

*“Preventive dentistry only begins after dental disease has developed.”*

**Answer:**

*False – Preventive dentistry focuses on stopping disease before it occurs (primary prevention).*

**Question:**

**Which of the following is an example of primary prevention in dentistry?**

- a) Root canal treatment
- b) Pit and fissure sealant
- c) Dental bridge placement
- d) Extraction of a decayed tooth

**Correct Answer:**  
**b) Pit and fissure sealant**

### Extra notes:

1. Students may have limited clinical exposure since the course focuses mainly on theory and simulation.
2. Some preventive procedures (e.g., fluoride application, sealants) may be practiced only on models, not real patients.
3. Time constraints in a 12-week schedule may not allow in-depth training on advanced preventive techniques.

### External Evaluator

من د. شاهده رسول پزیشکی ددان و پسیپوری بواری نه خوشیه کانی بووک ( ماموستا ) نه هه مان به ش چاوم خشانده بهم کوریکوله م دا هه ستم به وه کرد که بابه ته کان نه که ل ناوهر و که کان لیکه وه نریکن و به باشی مافی بابه ته که دراوه