

## Course Specification Student Version

Course Title:	Oral Biology - 2
Course Code:	DDC 252
Department:	Dentistry
Program:	Bachelor of Dentistry
College:	Vision College in Riyadh
Institution:	Vision College in Riyadh
Revised:	July 2025

## A. Course Identification

1. Credit hours: 2 (1+1+0)
2. Level/year at which this course is offered: Level 4 / Year 2
3. Pre-requisites for this course (if any): DDC 251
4. Co-requisites for this course (if any): None

## B. Teaching Methods

1	Lecture
2	Practical Session

## C. Course Description and Objectives

### 1. Course Description

This course provides students with an in-depth understanding of the histological aspects of oral tissues, with a special focus on tooth-related structures. Students will study the individual parts and components of tooth structure, along with insights into the applied aspects of the topics covered. The histology of other oral structures, including both hard and soft tissues, is also explored. Theoretical knowledge from lectures is reinforced through laboratory sessions, where students examine slides of these relevant tissues under the microscope.

### 2. Course Main Objective

By the end of this course, students will gain comprehensive knowledge of the histology of teeth, tooth-related structures, and other key oral tissues. This foundation will be essential for advanced courses such as oral pathology, which focus on understanding and diagnosing abnormalities in oral structures.

### 3. Course Objectives

**By the end of this course, students should be able to:**

- Discuss the morphology and histology of oral tissues, including their structure, function, and an introduction of related pathological changes.
- Demonstrate a thorough understanding of the histological and clinical significance, structure, and composition of dental tissues.
- Explain the developmental and acquired abnormalities of teeth in detail.
- Discuss the functions of normal oral tissues, including their roles, interactions, and contributions to overall oral health
- Use a microscope for the identification of the histological features of oral tissues
- Illustrate histological features of oral and maxillofacial structures through detailed drawings.
- Demonstrate principles of professionalism in practical work.

#### D. Course Content

No	List of Topics
1	Introduction and Orientation
2	Enamel
3	Dentin
4	Dental Pulp
5	Cementum
6	Periodontal Ligament
7	Alveolar Bone
8	Oral Mucosa
9	Salivary Glands
10	Laboratory sessions

#### E. Assessment Tools

#	Assessment task	Percentage of Total Assessment Score
1	Written Exam (Midterm)	20%
2	Practical Evaluation	10%
3	Written Exam (Quizzes)	10%
4	Practical Exam (Final Practical exam)	20%
5	Assignment	10%
6	Written Exam (Final)	30%
	<b>Total</b>	<b>100%</b>

## F. Learning Resources

<b>Essential References</b>	Essentials of Oral Histology and Embryology. A Clinical Approach 4th edition
<b>Supportive References</b>	<ul style="list-style-type: none"> <li>• Related reading material is available in the college library</li> </ul>
<b>Electronic Materials</b>	<ul style="list-style-type: none"> <li>• LMS, Online resources on MOODLE</li> </ul>
<b>Other Learning Materials</b>	None

