



**Jordan University of Science and Technology**  
**Faculty of Applied Medical Sciences**  
**Allied Dental Sciences Department**

ADS211 Oral Histology - JNQF Level: 7

First Semester 2023-2024

**Course Catalog**

2 Credit Hours. This is one of the courses provided during the first semester by the Department of Applied Dental Sciences for undergraduate 2nd year students in the program of Allied Dental Science. The course is based on lectures, that topics are derived from the field of basic histology, oral histology & embryology and simplified to suit the level of dental hygienists and dental assistants. The lectures briefly cover the different stages of odontogenesis, details of tooth structure and its supporting tissues as well as the oral tissues and adjoining structures. The knowledge attained from those first lectures is significant for understanding the development of teeth and oral tissues. This course will familiarize the student with normal microscopic anatomy of the oral region. An in-depth knowledge of oral tissues and surrounding structures is essential to evaluate and treat disease processes encountered in dental hygiene practice.

**Teaching Method:** On Campus

**Text Book**

<b>Title</b>	Fundamentals of Oral Histology and Physiology
<b>Author(s)</b>	Arthur R. Hand and Marion E. Frank
<b>Edition</b>	1st Edition
<b>Short Name</b>	Ref#1
<b>Other Information</b>	

**Instructor**

Name	Miss TAMADUR FALAH
Office Location	-
Office Hours	
Email	tmfalah@just.edu.jo

**Class Schedule & Room**

Section 1:

Lecture Time: Mon, Wed : 11:30 - 12:30

Room: M4203

**Prerequisites**

Line Number	Course Name	Prerequisite Type
1112180	P.T218 Gross Anatomy & Histology	Pre./Con.

**Tentative List of Topics Covered**

Weeks	Topic	References
Week 1	Oral histology introduction	From Ref#1
Week 2	Oral Cavity	From Ref#1
Week 3	Anatomy of the teeth	From Ref#1
Week 4	Tooth development	From Ref#1
Week 5	Amelogenesis	From Ref#1
Week 6	Dentinogenesis	From Ref#1
Week 7	Enamel and Dentin	From Ref#1
Week 8	Cementum	From Ref#1
Week 9	Periodontal ligament	From Ref#1
Week 10	Dental pulp	From Ref#1
Week 11	Tooth Eruption	From Ref#1
Week 12	Oral Mucosa	From Ref#1
Week 13	Salivary Gland	From Ref#1
Weeks 14, 15	Tongue	From Ref#1
Week 16	TMJ	From Ref#1

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
* Define dental terminology related to the oral cavity and teeth. [20PLO 5] [20L7K1]	20%	
* Explain cells and basic tissue components. [20PLO 1] [20L7K1]	20%	
? Identify the embryonic development of the tooth. [20PLO 10] [20L7K1]	20%	
? Identify tooth layers and functions. [20PLO 1] [20L7K1]	20%	

? Explain the eruption and morphology of the primary and permanent human dentition. [10PLO 1, 10PLO 10] [20L7K1]	20%	
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Relationship to Program Student Outcomes (Out of 100%)									
PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10
50				20					30

Relationship to NQF Outcomes (Out of 100%)	
L7K1	
100	

Evaluation	
Assessment Tool	Weight
Mid Exam	50%
Final Exam	50%

Policy	
Attendance policy/ Missed tests and exams policy	<p><b>ATTENDANCE POLICY:</b> All students are required to attend all class lectures, meetings, and activities. Students should attend classes on time. Late arrivals to the class are considered unexcused absence. Should an absence be necessary, the student must contact the course instructor PRIOR to the class via email. Failure to inform the instructor prior to the class will result in an unexcused absence.</p> <p>? An official form from the physician or other healthcare provider must be provided to the instructor the day you return explaining the need to be excused from class and include the date for the required absence.</p> <p>? Students will receive a penalty of grade deduction; (1) point reduction from the final grade in the course for each class absence.</p> <p><b>MISSED TESTS &amp; EXAMS:</b> Missing a scheduled test or exam will result in the following procedures:</p> <ol style="list-style-type: none"> <li>1. A grade of Zero (0) will result for students with an unexcused absence for that exam or test.</li> <li>2. Make up test or exams will be used for students with an excused absence. It will be scheduled within two days of returning from a documented excused absence. Failure to do so will result in a zero (0) for that test or exam.</li> <li>3. The format of make-up test can be included but not limited to an oral exam, short answer, essay, listing, or a combination of these.</li> </ol>

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