



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Department of Allied Dental Science
2013-2014
Course Syllabus

Course Information	
Course Title	Oral Histology
Course Code	ADS 222
Course Website	e-learning.just.edu.jo
Instructor	Dr.Reem Azzam
Office Location	DTC
Office Hours	
E-mail	
Teaching Assistant(s)	
Course Description	
This is one of the courses provided during the second 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, whose 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 first lectures review relevant basic histology of cell, tissues and organs as well as the development of the orofacial complex. 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 if a clinician is to evaluate and treat disease processes encountered in dental hygiene practice.	

Textbook	
Title	Essentials of Oral Histology and Embryology: A Clinical Approach
Author(s)	Avery, J. & Chiego, D.
Publisher	Elsevier
Year	2007
Edition	3 rd

Assessment		
Assessment	Expected Due Date	Percentage

First Exam		30%
Second Exam		30%
Final Exam		40%

Course Objectives	Percentage
To understand the concept of cell and cell division	5%
To learn the structure and functions of cells and epithelium.	5%
To be familiar with the structure and functions of the connective, neural and muscular tissues.	10%
To acquire core knowledge of the different stages of tooth development	10%
To recognize the role of deciduous teeth and their structures in the development of permanent teeth	10%
To recognize the importance of reciprocal tissue interaction in tooth development	10%
To acquire in-depth knowledge about the structure of enamel, dentine, dental pulp, periodontium as well as oral and relevant extra-oral tissues.	30%
To acquire knowledge about the oral mucosa, salivary glands and tonsils, their types and relation of its histology to the functions and changes that might occur	20%

Teaching & Learning Methods
- Power point presentations using a computer and data show. - Discussion Teaching duration: - Lectures; two hours each

Additional Notes
Attendance policy: Due to the unique responsibilities associated with becoming a competent professional and provider of health care, and the progressive nature of the curriculum and its importance to the provision of quality oral health services, attendance and class participation are expected. Students must attend 100% of all scheduled classes and labs. Class participation is required. Should an absence be necessary, student should contact the course instructor by e-mail immediately. Work missed can ONLY make up with an excused absence. - No make-up exams or quizzes will be given for unexcused absences - Late arrivals to class are unexcused absences - All course make-ups, test, and so forth, must be completed within 14 days from the date of the excused absence.

	Course Content
--	----------------

Week	Date	Title of the Lecture	Chapter in the textbook	Lecturer
1		أسبوع السحب والإضافة		
2		Development & structure of cells & tissues	1,2	
3		Structure & function of cells, tissues & organs	2	
4		Development of the tooth	5	
5		FIRST EXAM		
6		Enamel	7	
7		Dentine	8	
8		Dental pulp	9	
9		Cementum and Periodontal ligament	10,11	
10		SECOND EXAM		
11		Periodontium	12	
12		Oral mucosa	14	
13		Salivary glands	15	