



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

<b>Course Information</b>	
<b>Course Title</b>	Oral Pathology
<b>Course Code</b>	ADS204
<b>Prerequisites</b>	Oral anatomy and histology
<b>Credit Hours</b>	2-hour, theory
<b>Instructor</b>	Dr.Reem Azzam
<b>Office Location</b>	Dental Clinics/ JUST
<b>Office Hours</b>	Upon arrangement with the instructor
<b>E-mail</b>	
<b>Co lecturer</b>	
<b>Course Description</b>	
This course aims at introducing allied dental sciences students and dental technology students to basic knowledge of oral pathology.	

<b>Text Book</b>	
<b>Title</b>	Oral Pathology for the Dental Hygienist
<b>Author(s)</b>	Ibsen and Phelan
<b>Publisher</b>	Saunders
<b>Year</b>	2004
<b>Edition</b>	Fourth
<b>Book Website</b>	-----
<b>References</b>	Text book and lecture handouts when necessary

<b>Assessment Policy:</b>		
This course has only theory component with no practical components. All exams are written multiple choice questions and short essay.		
<b>Assessment Type</b>	<b>Expected Due Date</b>	<b>Weight</b>
<b>First Exam</b>		30%
<b>Second Exam</b>		30%
<b>Final Exam</b>		40%
<b>Attendance</b>		

Course Objectives	Percentage
<p>1. To become familiar with the clinical features of main developmental anomalies of oral soft tissues (ankyloglossia, commissural lip pits and lingual thyroid) and teeth (number, size, shape, structure, eruption including anodontia, hypodontia, supernumerary teeth, microdontia, macrodontia, gemination, fusion, dilacerations, enamel pearl, talon cusp, taurodontism, enamel hypoplasia, amelogenesis imperfect and dentinogenesis imperfect)</p> <p>2. To become familiar with the various types of developmental odontogenic and non-odontogenic (dentigerous cyst, odontogenic keratocyst, lateral periodontal cyst, gingival cyst, nasopalatine canal cyst, nasolabial cyst, dermoid cyst, thyroglossal tract cyst, Stafne bone cyst, simple bone cyst, aneurismal bone cyst)</p>	20%
<p>3. To briefly become aware of the various types of neoplasia of the oral cavity. Main emphasis will be on epithelial tumors, especially squamous cell carcinoma and premalignant oral lesions. Topics covered includes: classifications of tumors, names of tumors. papilloma, premalignant lesions, leukoplakia, erythroplakia, epithelial dysplasia, squamous cell carcinoma. Names of main tumors of salivary gland like pleomorphic adenoma, adenoid cystic carcinoma, of odontogenic tumors need to know ameloblastoma, and terminology of soft tissue tumors.</p>	25%
<p>4. To gain basic and brief knowledge in inflammation, regeneration and repair, since this course is not preceded by a general pathology course. Topics covered include: injury and natural defenses against injury, inflammation (microscopic events and clinical signs, cells, chemical mediators, systemic manifestations, chronic inflammation, hyperplasia, hypertrophy, and atrophy), regeneration and repair (microscopic events, types, and bone tissue repair).</p>	15%
<p>5. To become familiar with variants of normal anatomy of the oral cavity, and with some benign lesions of unknown cause. These include: Fordyce granules, tori, melanin pigmentation, linea alba, geographic tongue, and hairy tongue.</p>	20%
<p>6. To become familiar with the various types of injuries to oral soft and hard tissues. These include: attrition, abrasion, erosion, chemical burns, self-induced injuries, hematoma, traumatic ulcer and granuloma, frictional keratosis, nicotinic stomatitis, amalgam tattoo, melanosis.</p>	10%
<p>7. To become familiar with the various types of reactive connective tissue hyperplasia including pyogenic granuloma, giant cell granuloma, irritation fibroma, denture-induced fibrous hyperplasia, papillary hyperplasia, gingival enlargement</p>	
<p>8. To learn the basic clinical feature of pulpal and periapical inflammatory disease. This includes acute and chronic pulpitis both reversible and irreversible, chronic hyperplastic pulpitis, pulp necrosis and its sequelae including periapical abscess, granuloma, cyst and resorption of teeth</p>	10%

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Teaching & Learning Methods
Power point presentations using a computer and data show.
<b>Teaching duration:</b>
Lectures, two hours each

Learning Outcomes: Upon successful completion of this course, students will be able to		
Related Objective(s)		Reference(s)
1, 2	Be aware of main developmental changes affecting oral soft tissues and teeth as well as main developmental odontogenic and non odontogenic cysts and psuedocysts.	Chapter 5 and Handouts
3	Be aware of tumor classifications, terminology, name of most common tumors of epithelium and connective tissue with emphases on squamous cell carcinoma and epithelial dysplasia.	7 and Handouts
4	Gain basic and brief knowledge in inflammation, regeneration and repair,	2 (pages 37-49) and Handouts
5	To become familiar with some benign lesions of unknown cause	1 (pages 24-28) and Handouts
6	Become familiar with the various types of injuries to oral soft and hard tissues	2 (pages 53-62) and Handouts
7	Become familiar with the various types of reactive connective tissue hyperplasia	1 (pages 62-67) and Handouts
8	Learn the basic clinical feature of pulpal and periapical inflammatory disease.	1 (pages 67-71) and Handouts

Useful Resources
Text books of Oral Pathology or atlases present in JUST library

Course Content		
Week	Topics	Chapter in Textbook (handouts)
1.	Introduction to the course	-----
2.	Developmental Disorders I Soft tissue abnormalities developmental odontogenic and non	Chapter 5 and Handouts

	odontogenic cysts	
3.	Embryonic Development of Teeth Developmental abnormalities of teeth shape size and number	Chapter 5 and Handouts
4.	Developmental Disorders III Abnormalities of tooth structure	Chapter 5 and Handouts
5.	IV: Inherited Disorders Affecting the Teeth	Chapter 5 and Handouts
6.	First exam	
7.	Variants of Normal	Chapter 2 (pages 37-49) and Handouts Chapter 1 (pages 24-28) and Handouts
8.	Injuries to Oral Tissues	Chapter 1 (pages 62-67) and Handouts
9.	Inflammation and Repair	Chapter 2 (pages 37-49) and Handouts Chapter 1 (pages 24-28) and Handouts
10.	Second Exam	
11.	Neoplasia Vocabulary, Description, Classification Premalignant lesions, Epithelial tumors	Chapter 7 and Handouts
12.	Oral Neoplasia II Squamous cell carcinoma, Salivary gland tumors, odontogenic tumors Tumors of soft tissues, bone, blood	Chapter 7 and Handouts
13.	Inflammation and Repair	Chapter 2 (pages 37-49) and Handouts
14.	Pulpal and periapical lesions	Chapter 2 (pages 53-62) and Handouts

<b>Additional Notes</b>	
<b>Assignments</b>	No assignments are required for this course
<b>Exams</b>	Students who miss an exam will need to bring an approved excuse signed by his dean
<b>Cheating</b>	Students who cheat or attempt o during examinations will have their exams terminated and will write to their department chairman for legal actions
<b>Attendance</b>	Students are expected to attend at least 90%. If student missed 20% of lectures, he/she supposed to bring an excuse approved by his dean.
<b>Workload</b>	
<b>Graded Exams</b>	First 30 grades, second 30 grades, final 40 grades, including both multiple choice questions and short essay

<b>Participation</b>	Students are encouraged to participate in class by brain storming and involving them in discussions
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### Course Content

ADS 204/ 2014

Week	Date	Title of the Lecture	Lecturer
1		أسبوع السحب والإضافة	
2		Developmental Disorders I Soft tissue abnormalities	
3		Developmental Disorders II developmental odontogenic and non odontogenic cysts	
4		Developmental Disorders III Embryonic Development of Teeth Developmental abnormalities of teeth shape size and number	
5		Developmental Disorders IV Abnormalities of tooth structure Inherited Disorders Affecting the Teeth	
<b>6</b>		<b>1<sup>st</sup> Exam</b>	
7		Variants of Normal	
8		Injuries to Oral Tissues	
9		Inflammation and Repair	
<b>10</b>		<b>2<sup>nd</sup> Exam</b>	
11		Pulpal and periapical lesions	
12		Neoplasia Vocabulary, Description, Classification Premalignant lesions, Epithelial tumors	
13		Oral Neoplasia II Salivary gland tumors, odontogenic tumors Tumors of soft tissues, bone, blood	