

Jordan University of Science and Technology
Faculty of Veterinary Medicine
Department of Pathology and Animal Health
2nd Semester 2006/2007

Course Information	
Course Title	RESPIRATORY PATHOLOGY
Course Number	VM784
Prerequisites	
Course Website	
Instructor	Dr. Wael Hananeh
Office Location	G1L2
Office Phone	22049
Office Hours	
E-mail	whananeh@just.edu.jo
Teaching Assistant	NA
Course Description	

Text Book	
Title	Thomson's Special Veterinary Pathology
Author(s)	M. Donald McGavin
Publisher	Mosby
Year	2001
Edition	3th edition
Book Website	
References	Jubb, Kennedy & Palmer's Pathology of Domestic Animals

Assessment Policy		
Assessment Type	Expected Due Date	Weight
First Exam		20%
Second Exam		20%
Final Exam		50%
Assignments		10%

Course Objectives	Weights
1. To learn and understand the etiology, pathology and pathogenesis of the respiratory diseases.	50%
2. To acquire an ability to describe the gross and histopathological lesions.	30%
3. To know the proper way of writing a formal pathology report.	10%
4. To help the student to develop a self learning skills.	10%

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Teaching & Learning Methods	
1-	Text book
2-	Web based study material (self learning)
3-	Different PowerPoint and glass slide sets will be available for the student use.
4-	The student will be subjected to pathology cases from the veterinary health centre

Learning Outcomes: Upon successful completion of this course, students will be able to		
Related Objective(s)		Reference(s)
1	Be able to discuss the pathogenic mechanism of different respiratory diseases	Chapter 3 and Handouts
2,3	Be able to use the proper medical terms utilizing the respiratory pathology.	Multiple Chapters and the website
1	Be familiar with the most important respiratory diseases in Jordan.	Handouts
1-4	To utilize their knowledge to expect the proper treatment for the affected animals.	Multiple chapters and the website
5,6		
6		
5		

Useful Resources
www.afip.org/vetpath

Course Content		
Week	Topics	Chapter in Text (handouts)
1	Normal structure and function	Chapter 3
2	Defense mechanisms of the respiratory system	handouts
3-4	Diseases of the upper respiratory system	Chapter 1
5	General disorders of the lungs	Chapter 1 and handouts
6-7	Types of pneumonia	Chapter 1 and handouts
8-13	Pneumonia of infectious etiology	Chapter 1ad handouts
14-15	Pneumonia of noninfectious etiology	chapter 1and handouts
16	Diseases of the pleura	Chapter 1 and handouts

Additional Notes	
Assignments	Reading and writing reports for the health centre cases
Exams	

Cheating	
Attendance	
Workload	
Graded Exams	
Participation	
Laboratory	The student will learn how to read the glass slides and writing the proper pathology reports
Projects	The students will be presenting a few updated articles