

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

Course Information	
Course Title	Poultry Management 2(1+1) Crd.Hrs.
Course Number	VM 321
Prerequisites	VM225
Course Website	
Instructor	Dr. Mohammad Q Al-Natour
Office Location	C1 L2
Office Phone	22063
Office Hours	Monday and Wed. 9:30-12:30 or by appointment
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Teaching Assistant	
Course Description	
This course is designed to provide basic and applied knowledge on sound management of different poultry enterprises: breeder, layer, broiler flocks, hatcheries, and feed mills. It also covers the poultry house design, ventilation system, drinking and feeding systems, environmental management, sanitation, disinfection, and vaccination. The role of biosecurity in poultry industry is defined.	

Text Book	
Title	There is no text book, however handouts are prepared from different sources e.g;1. Poultry Science, 2. Commercial Chicken Production Manual(CCPM), 3.Poultry diseases and websites
Author(s)	1. M. E. Ensminger, 2. Marck O. North, 3.Jordan
Publisher	1. Interstate Publishers, INC. Danville, Illinois
Year	1992
Edition	Third Edition
Book Website	
References	1. Poultry Science by Ensminger, 1992, 2. Commercial Chicken Production Manual(CCPM) by North, Poultry diseases by Jordan

Assessment Policy		
Assessment Type	Expected Due Date	Weight
First Exam	March 22, 2006	25%
Second Exam	April 26, 2006	25%
Final Exam	Finals will be from May 26-June 4th	40%
Assignments	After one week from each field trip	10%

Course Objectives	Weights
1. To understand the structure of the poultry industry	

2 To have a general idea on the management of different poultry farms	
3 To Know The importance of Hatchery Management	
4 To Understand the importance of biosecurity to the poultry industry	
5 To know the type of vaccines and routes of administration	
6 To understand the principals of prevention and control of avian diseases	

Teaching & Learning Methods
Teaching: Lectures (using overhead, data show and board), Hand out. Learning: Assignment questions, field trip reports and reading.

Learning Outcomes: Upon successful completion of this course, students will be able to		
Related Objective(s)		Reference(s)
1 learn		Chapter 2 and Handouts
1,2		
1-6		
3,4		
5,6		
6		
5		

Useful Resources
http://www.aphis.usda.gov , http://www.cdc.gov , http://www.msstate.edu , http://poultrymed.com

Course Content		
Week	Topics	(handouts)
1	Structure of the Poultry Industry	1
2	Biosecurity in the Poultry Industry	2
3	Boiler Management	3
4	Poultry House Design	4
5	Poultry House Equipments	5
6	First Exam	
7	Vaccines and Vaccination	6
8	Cleaning and Disinfection of the Poultry Houses	7
9	Feeds and Feeding	8
10	Layer Management	9
11	Second Exam	
12	Lighting program	10
13	Breeder Management	11

14	Hatching and Hatchery Management	12
15	Prevention and Control of Avian Diseases	13
16	Finals (May 26-June 4 th)	

Additional Notes	
Assignments	Due on weekly bases
Exams	Two midterms and final exams
Cheating	If happened Will be dealt with according to University regulations
Attendance	Will be dealt with according to University regulations
Workload	
Graded Exams	Each Graded Exam will be discussed in the next lecture.
Participation	Is encouraged
Laboratory	All student must attend the video taps and the field trips
Projects	Are encouraged - Optional