

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 743
Prerequisites	
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
E-mail	mqalnatour@yahoo.com and al-natour@just.edu.jo
Teaching Assistant	
Course Description	
This course will cover biosecurity, management related diseases or infections, heating and cooling systems, feeding systems, vaccination programs, methods of vaccination, lighting programs, egg storage and management, housing systems, type of feeders and type of drinkers. In this course students are also expected to develop an understanding for the poultry industry organization.	

Text Book	
Title	Commercial Chicken Production Manual
Author(s)	Mack O. North and Donald D. Bell
Publisher	Chapman & Hall, New York, NY
Year	1990
Edition	Third Edition
Book Website	
References	Commercial Poultry Nutrition, Broiler Breeder Production by S Leeson & J. D. Summers, Poultry Science by E. Ensminger, Disease of Poultry by Saif, 2003,
Scientific Journals	British Poultry Science, Poultry Science, Asian-Aust. J. Anim. Sci, Avian Diseases, Avian Pathology, Preventive Vet. Med. and other Journals

Assessment Policy		
Assessment Type	Expected Due Date	Weight
First Exam	On the 6 th week (March 22)	15%
Second Exam	On the 12 th week (May 3 rd)	15%
Presentations	A week before the finals	10%
Assignments	Every 2 weeks	10%
Final Exam	According to the registrar (5/25-June 4 th)	50%

Course Objectives	Weights
1. To evaluate management practices and its relationship to disease prevention.	
2. To evaluate biosecurity in different poultry enterprises and vaccination programs used.	
3. To be able to manage poultry enterprise.	

Teaching & Learning Methods
Teaching: Lectures (using overhead, data show and board), Hand out. Learning: Assignment questions, field trip reports and reading. Each student have to submit a term paper on a selected topic of interest and also have to prepare and present a power point presentation on one of the current problems of poultry management (Hot Issues).

Useful Resources
http://www.aphis.usda.gov , http://www.cdc.gov , http://www.msstate.edu , http://poultrymed.com , http://www.google.com/ , http://www.who.int/en/ , FAO and other related sites

Course Content		
Week	Topics	Chapter in Text (handouts)
1	Structure of the Poultry Industry	1+13
2	Evaluation of Biosecurity in the Poultry Industry	Articles from Journals
3	Boiler Management	11+ Articles from Journals
4	Poultry House Design	11 + Articles from Journals
5	Poultry House Equipments	12 + Articles from Journals
6	First Exam	
7	Vaccines and Vaccination	4 + Articles from Vaccine companies
8	Cleaning and Disinfection of the Poultry Houses	10 + Articles from Journals
9	Feeds and Feeding	5, 6, 18+ Articles from Journals
10	Layer Management	12+ Articles from Journals+ layer Manuals from industry
11	Second Exam	
12	Lighting program	18 + Articles from Journals+ layer Manuals from industry
13	Breeder Management	4+ Articles from Journals+ Breeder Manuals from industry
14	Hatching and Hatchery Management	3+ Articles from Journals+ Hatchery Manuals from industry
15	Prevention and Control of Avian Diseases	10+ Articles from Journals+ Manuals from industry
16	Finals (May 26-June 4 th)	

Additional Notes	
Assignments	Due every other week
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	Each student have to work at least 3 hours /week on his assigned work
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	Each student have to prepare 2 projects on current issues of poultry management
Hot Topics in Poultry Management	It varies according to the current problems that are facing the poultry industry in Jordan as of this year 2007: 1. Heat Stress 2. Mycotoxines in poultry feed 3. Preventive programs for bacterial, fungal, parasitic and viral diseases in Jordan 4. Ascites syndrome 5. Feed formulation 6. Quality of Chicken and table eggs 7. Flock records using Excel program 8. Performance evaluation of poultry enterprise and estimation of losses