

Jordan University of Science and Technology
Faculty of Veterinary Medicine
Department of Pathology and Animal Health
First Semester 2020-2021

Course Information	
Course Title	Animal Health
Course Number	VM 211
Prerequisites	None (Elective course for all university students except Vet. and Agriculture students)
Course Website	
Instructor	Prof. Shawkat Q. Lafi (Hailat)
Office Location	G2 level 1 or Veterinary Deanship
Office Phone	22029
Office Hours	Mon-Thur. 8-9 am and 12-1 pm
E-mail	shqalafi@just.edu.jo , phone: 0795592343
Teaching Assistant	None
Course Description	
<p>This course is designed to give basic knowledge about zoonoses, animal breeds, behavior, reproduction, productivity, animal transportation, drug additives and management of sick animals. Domestic animal vaccination programs, methods of cleaning and disinfecting farms after an outbreak of infectious disease as well as handling of sick animals and their by-products to reduce contamination and transmission of diseases.</p>	

Text Book	
Title	Handouts Prepared by the instructor and Scientific Farm Animal Production An introduction to Animal science
Author(s)	Robert E. Taylor
Publisher	Macmillan
Year	2010
Edition	Fifth
Book Website	
References	The Merck Veterinary Manual, 7 th edition, 2000

Assessment Policy		
Assessment Type	Expected Due Date	Weight
Mid-term exam		40%
Attendance and interaction		10%
Final exam		50%

Course Objectives	Weights
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1. Gain basic knowledge about animal health and disease	10%
2. Gain basic knowledge about Zoonoses Animal breeds and vaccination programs	25%
3. Gain basic knowledge about animal behavior and transportation	15%
4. Gain basic knowledge about animal breeds and vaccination programs	20%
5. Gain basic knowledge about animal handling and plant poisoning	10%
6. Gain basic knowledge about drug additives and antibiotics and transportation	20%

Teaching & Learning Methods
<p>On line (meeting on Zoom) Microsoft-Teams</p>

Learning Outcomes: Upon successful completion of this course, students will be able to		
Related Objective(s)		Reference(s)
1	Introduction and definition of health and disease. Types and patterns of diseases, disease course, diseases causative agents, prevention and eradication. Herd health, methods of disease transmissions, herd immunity.	Handouts
2	Zoonotic diseases; bacterial, viral and parasitic diseases.	Handouts
3	Animal behavior, Animal breeds (camels, cattle, swine, horses, sheep & goats).	Handouts
4	Vaccines and vaccination programs of domestic animals.	Handouts
4	Reproduction and management in pet animals (cats & dogs)	Handouts
5	Plant and chemical poisoning (pesticides, fungicides... etc).	Handouts
6	Antibiotics, hormones and drug residues in meat milk and their products	Handouts
6	Animal handling and transportation	Handouts

Useful Resources
Any Interest in animals and in animals welfare and their health would be useful.

Week	Topics	Chapter in Text (handouts)

1&2	Introduction and definition of health and disease. Types and patterns of diseases, disease course, diseases causative agents, prevention and eradication. Herd health methods of disease transmissions, herd immunity.	Handouts
3&4&5	Zoonotic diseases; bacterial, viral and parasitic diseases.	Handouts
6&7	Animal behavior, Animal breeds (camels, cattle, swine, horses, sheep & goats).	Handouts
8	Vaccines and vaccination programs of domestic animals.	Handouts
9&10	Reproduction and management in pet animals (cats & dogs)	Handouts
11	Plant and chemical poisoning (pesticides, fungicides... etc).	Handouts
12&13	Antibiotics, hormones and drug residues in meat milk and their products	Handouts
14	Animal handling and transportation	Handouts
15	Visit to the University Animal farms and the Veterinary Health Center if time permits	Handouts

Additional Notes	
Assignments	None
Exams	None
Cheating	Will be Handled accordingly
Attendance	No less than 90% of the lectures
Workload	Moderate
Graded Exams	Med-term and Final
Participation	10% of the total grade would be for attendance and participation which will be added to the second exam
Laboratory	none
Projects	none