



Department of Animal production

Institute Amedi Technique

University of Polytechnique Duhok

Subject: Basics of Veterinary and Animal diseases

Course Book – Year 2

Lecturer's name Sherzad Ibrahim Mustafa

Academic Year: 2018/2019

Course Book

1. Course name	Basics of Veterinary and Animal Diseases
2. Lecturer in charge	MSc. Sherzad Ibrahim Mustafa
3. Department/ College	Animal Resources-Amedi Technical Institute
4. Contact	e-mail: Sherzad_vet7@yahoo.com
5. Time (in hours/ week)	Theory: 1 hr Practical: 3 hrs
6. Office hours/week	7 hours
7. Course code	
8. Teacher's academic profile	<p>2007 BSc : Surgery and Veterinary Medicine</p> <p>2011 MSc: Genetic (Cytogenetics)</p> <p>2015 PhD Student ...</p> <p>Teaching:</p> <p>Genetics (College of Vet. Medicine) Since 2012 till now</p> <p>Biology (College of Veterinary Medicine) 2012-2014</p> <p>Biology (Shekhan medical college) 2016</p> <p>Genetics (Agriculture College) 2013</p> <p>Basics of Veterinary and Animal diseases 2015, 2016</p>
9. Keywords	Veterinary, Animal Diseases
10. Course overview:	<p>There are many animal diseases more than a hundred-infectious disease, including the common Zoonotic with so considering the most popular and dangerous. here the course will cover the principles of Veterinary Medicine that includes the procedure of restrain and give treatment to animals, identify of the most important infectious diseases of animals and the study of these diseases in detail in accordance with the detailed points for each disease include a definition meaning, there causes, modes of transmission-meaning, there clinical and pathological symptoms- prevention and treatment of disease and the impact on human</p>

health.

11. Course objective:

At the end, of course students will be able to know:

1. How restrain animals and deals with animals' behaviour's.
2. The principles of diagnosis and Drug Administration.
3. Zoonotic diseases and how control it.
4. The most common disease infect animals and poultry.

12. Student's obligation

Student must be active during lecture, participate in discussion, prepare reports, be ready for quiz, mid and final exams.

13. Forms of teaching

Data show, white table, farm

14. Assessment scheme

5 marks (first semester activities)

30 marks Mid- Term exams (15 marks theory and 15 marks Practical)

5 marks (second semester activities)

60 marks Final Exams (30 marks theory and 30 marks practical)

Total = **100 marks**

15. Student learning outcome:

Student after graduation will be able to participate in increasing and saving animal production in country, through the principles taken during this course about diseases of animals and how deals with it and the best way to diagnosis and treatment of the diseases attacks livestock.

16. Course Reading List and References:

Marek, different Edition, USA

17. The Topics:		Time
1	Introduction about Veterinary and Animal diseases	
2	Classification of animals	(1 hr)
3	Animal Diseases and how to access	(1 hr)
4	Infectious and non-infectious diseases	(1 hr)
5	Zoonotic Diseases	(1 hr)
6	Rabies	(1 hr)
7	Bacterial diseases	(1 hr)
8	Calves diphtheria disease, anthrax	(1 hr)
9	Abortion sarees, antiseptic blood hemorrhagic	(1 hr)
10	Viral disease, rinderpest	(1 hr)
11	Foot and Mouth Disease	(1 hr)
12	Inflammation of the nose and trachea gastroesophageal	(1 hr)
13	Fungal diseases	(1 hr)
14	ringworm	(1 hr)
15	Internal parasites diseases	(1 hr)
16	Foraminifera disease	(1 hr)
17	Worms liver disease tapeworm	(1 hr)

18	Ectoparasites lice and ticks	(1 hr)
19	Scabies and its effects on the animal	(1 hr)
20	Mastitis	(1 hr)
21	Black disease	(1 hr)
22	Bovine viral diarrhoea	(1 hr)
23	Inflammation of the lung disease	(1 hr)
24	Water heart disease	(1 hr)
25	Mustiness hemorrhagic blood, anthrax, hoof rot	(1 hr)
26	The kinds of hormones, immune and immune response	(1 hr)
27	Rinderpest, smallpox.	(1 hr)
28	Digestive Disease	(1 hr)
29	Urinary tract and respiratory diseases	(1 hr)
30	Food shortages diseases, milk fever	(1 hr)

18. Practical Topics

1	Systems of animal body	(3 hrs)
2	Restraint of Domestic animals	(3 hrs)
3	Signs of Health and disease	(3 hrs)
4	The route of drug administration	(3 hrs)
5	Injection site of domestic animals	(3 hrs)

6	Determination of temperature, pulse, and respiratory	(3 hrs)
7	Prevention and treatment measures	(3 hrs)
8	Clinic	(3 hrs)
9	Clinic	(3 hrs)
10	Condition of the skin and hair,	(3 hrs)
11	Samples of blood test (sliced) and diagnosis and treatment of blood parasites	(3 hrs)
12	Veterinary medicines, and ways to give, sample collection, sterilization and disinfection	(3 hrs)
13	Methods of sampling for the purpose of bacterial examination, methods of preventing the spread of infectious diseases and control	(3 hrs)
14	Health milk, udder and sterilize tools, external and internal parasites	(3 hrs)
15	Born and tools used in childbirth	(3 hrs)
16	How to diagnose and treat respiratory ailments, digestive, urinary	(3 hrs)
17	Diagnosis and treatment of milk fever	(3 hrs)
18	Diagnosis and treatment of E. coli, tetanus, hoof rot	(3 hrs)
19	Diagnosis and treatment of rinderpest, smallpox, foot and mouth disease	(3 hrs)
20	Diagnosis of diseases resulting from lack of rare salts and vitamins	(3 hrs)
21	Diagnosis and treatment of mastitis disease, tuberculosis, Jones disease	(3 hrs)
22	Diagnosis and treatment of diseases that cause abortion, brucellosis	(3 hrs)
23	Diagnosis and treatment of horse diseases: glanders, diphtheria Horse	(3 hrs)
24	Diagnosis and treatment of skin diseases (scabies, ringworm, dermatitis)	(3 hrs)
25	Blood parasites, Newcastle.	(3 hrs)

26	Surgery and the types of wounds, birth and dystocia	(3 hrs)
27	Skin diseases	(3 hrs)
28	A visit to a veterinary hospital	(3 hrs)
29	A visit to a veterinary hospital	(3 hrs)
30	A visit to a veterinary hospital	(3 hrs)
	<p>19. Examinations:</p> <p>1. Compositional: What are the reasons for...? Why...? How....?</p> <p>2. True or false type of exams:</p> <p>3. Multiple choices:</p>	
	20. Extra notes:	
	21. Peer review	