



Course Specifications

Programme(s) on which the course is given: Veterinary medicine

Major or Minor element of programmes: Major

Department offering the programme: animal and poultry hygiene

Department offering the course: animal and poultry hygiene

Academic year / Level: fifth grade; second semester

Date of specification approval:

A- Basic Information

Title: animal health and environment

Code: 514

Lecture:45

Practical:30

Total:75

B- Professional Information

1 – Overall Aims of Course to:

- 1- Meaning of animal health
- 2-Meaning of environment
- 3-Stress and stressors
- 4-Measuring of stress and its bad effect
- 5-How to mitigate the stress
- 6-Types of stress
- 7-Air and air pollution
- 8-Eradication of ecto parasite
- 9-Combating of contagious diseases

2 – Intended Learning Outcomes of Course (ILOs)

a- Knowledge and Understanding:

The graduate must acquire the basic knowledge and information about:-

- a1- Air and water impurities .
- a2- Poisonous plants.
- a3- Combating of contagious diseases.
- a4- Animal housing and transportation.
- a5- Treatment hygienic disposal of farm effluents.
- a6- Poultry housing.

b- Intellectual Skills

The graduates must have the ability to:-

- b1- Deal with pathological cases of viral and bacterial diseases.
- b2- Select different pathological stains for diagnosis.
- b3- Know how to deal with pathological samples .
- b4- Deal with pathological cases in different animal

c- Professional and Practical Skills



The graduates must attain the capacity to:-

- c1- Disinfect animal and poultry farms.
- c2- Deal with cases contagious diseases.
- c3- Evaluate hygienic disposal farm effluents.
- c4- Evaluate the insecticides and eradication of ecto parasite.

d- General and Transferable Skills

The graduates must have the ability to:-

- d1- Write reports and essay on the different scientific items in the field of animal hygiene.
- d2- Report of the facts using printable sheets in the field of animal hygiene.
- d3- Write a full scientific reports in the field of animal hygiene..
- d4- Work in groups and team.
- d5- Use computer and internet to extract information and knowledge.

3- Contents

Topic	No. of hours	Lecture	Tutorial/Practical
*Environmental hygiene -stress and stressors	5 hours/weekly	3hours/weekly	2hours/weekly
Air: requirement, pollution ,ventilation ,micro climatic condition, epidemiology importanc of air	5 hours/weekly	3hours/weekly	2hours/weekly
Animal hygiene: Veterinary epidemiology,definitions, types,patterns, frequency,transmission of diseases,control of contagious diseases and external parasite.	5 hours/weekly	3hours/weekly	2hours/weekly
Veterinary extension: Role in preventing diseases and improving the standard of hygiene	5 hours/weekly	3hours/weekly	2hours/weekly

4– Teaching and Learning Methods

- 4.1- Lecturing
- 4.2- Discussion sessions
- 4.3- Practical sessions to gain practical skills
- 4.4- Field trips to visit animal and poultry farms.

5- Student Assessment Methods

Written exam (essay) to measure a1-c6



Practical exam to measure c1 – c5

Multiple choice exam to measure b1 - b4, c1 – c5 and d1- d5

Assessment Schedule

Assessment 1 Mid-Term Examination 8th Week : the total of three successive . Examination with 3 weeks interval

Assessment 2 Final-term Examination 16th week : at the end of semester according time table cited by faculty and recommended by university

Assessment 3 Oral Examination 16th Week : at the end of semester hold by 3 staff member imported from different Egyptians universities / 5 students

Assessment 4 Practical Examination 13th Week : at the end of semester

Weighting of Assessments

Mid-Term Examination	20 %
Final-term Examination	50 %
Oral Examination.	15 %
Practical Examination	15 %
Semester Work	%
<u>Other types of assessment</u>	<u>%</u>
Total	100%

Any formative only assessments

6- List of References

6.1- Course Notes

Native text book; cited by staff members of animal hygiene and environment; south valley university

6.2- Essential Books (Text Books)

W.H.O:standard health and environment;weeklyepidemiol.Rec.:(1984)

6.3- Recommended Books

Bull.of Hyg.;the occurrence of pathogenic agents;1969

6.4- Periodicals, Web Sites, ... etc

7- Facilities Required for Teaching and Learning

1- Ordinary black board.

2- slide projector

Course Coordinator: Prof.Dr Farouk Amin Ahmed

Head of Department: Prof.Dr Farouk Amin Ahmed