



**South Valley University**

**Faculty of Veterinary Medicine.**

## **15 Department of: Animal Hygiene**

### **Course Specifications**

*Programme(s) on which the course is given:* **Master Degree**

Major or Minor element of program: major

Department offering the program: **Faculty of Veterinary Medicine**

Department offering the course: **Animal Hygiene**

Academic year / Level: **Postgraduate Master Degree**

Date of specification approval:

### **A- Basic Information**

**Title:** Advanced Farm Animal Health (AFAH)

**Code:** M 1501

**Lecture:** 2 hours for 30 weeks

**Practical:** 2 hours for 30 weeks

**Total:** 4 hours for 30 weeks

### **B- Professional Information**

#### **1 – Overall Aims of Course**

- a. **Good application of principals and methods of Scientific research and use its different methods.**
- b. **Application of the analytical method in the field of Advanced Farm Animal Health**
- c. **Application of the specific knowledge in relation with other knowledge in the profession.**
- d. **Discover the actual problems and the recent visions in the field of Advanced Farm Animal Health**
- e. **Defining the professional problems and finding solutions.**
- f. **Wide suitable special professional skills and using the suitable techniques in the field of Advanced Farm Animal Health**
- g. **Active communication and the ability to lead work team.**
- h. **Discussion making in the profession.**
- i. **Using the available sources in order to obtain and keeping the highest values.**

- j. Awareness in society development and environmental preservation national and international**
- k. Transparency correctness and following the professional ethics.**
- l. Self academic and professional development and able for self learning.**

## **2 – Intended Learning Outcomes of Course (ILOs)**

### **a- Knowledge and Understanding:**

- a1- theories and principals related to the study and other fields related to the field.**
- a2- the effect of the applications on the environmental.**
- a3- the scientific development in the field of specialty.**
- a4- Ethics and laws of the profession in the field of specialty.**
- a5- principals of quality control assurance in the profession in the field of specialty.**
- a6- Principals and Ethics of scientific researches .**

### **b- Intellectual Skills**

- b1- Skills in analysis and evaluation in the field of specialty and solution of problems.**
- b2- Skills in solution of specific problems in case of shortage of resources .**
- b3- Skills in connection between different knowledge in solution of professional problems.**
- b4- Skills in research study or writing scientific paper about the research problems.**
- b5- evaluation of the risks in the profession in the field of specialty.**
- b6- planning for development of the performance in the field of specialty.**
- b7- decision making in the professional policy.**

### **c- Professional and Practical Skills**

- c1- Good performance of recent professional principals in the field of specialty .**
- c2- Writing and evaluation of professional reports.**
- c3- Evaluation of techniques in the field of specialty .**

### **d- General and Transferable Skills**

- d1-Different types of active communication .**
- D2-using of information technology on the behave of professional application .**
- d3-self assessment and renewing the self learning needs.**
- d4-uses of different resources for obtaining information and knowledge.**
- d5-rules and parameters for evaluation of team performance .**
- d6-working in leading team in the profession.**
- d7-time management.**
- d8-contiuing self learning.**

### 3- Contents

الاسبوع	Lecture (2hrs)	Practical (2hrs)
1	General hygiene	General hygiene
2	Veterinary hygiene	Veterinary hygiene
3	What is the health?	What is the health?
4	Principles of health	Principles of health
5	State of health	State of health
6	What is the environment?	What is the environment?
7	Component of environment	Component of environment
8	Enviromental complex	Enviromental complex
9	What is the stress?	What is the stress?
10	Types of stress	Types of stress
11	Phenomena of stress	Phenomena of stress
12	Physiology of stress	Physiology of stress
13	Acute stress	Acute stress
14	Persist stress	Persist stress

<b>15</b>	<b>Mitigation of stress</b>	<b>Mitigation of stress</b>
<b>16</b>	<b>Drinking water</b>	<b>Drinking water</b>
<b>17</b>	⊙Sources of its circulation	⊙Sources of its circulation
<b>18</b>	⊙Sources of its contamination	⊙Sources of its contamination
<b>19</b>	⊙Treatment for drinking	⊙Treatment for drinking
<b>20</b>	⊙Physical & mechanical purification	⊙Physical & mechanical purification
<b>21</b>	⊙Disinfection of water	⊙Disinfection of water
<b>22</b>	⊙Water related diseases	⊙Water related diseases
<b>23</b>	<b>Atmospheric air</b>	<b>Atmospheric air</b>
<b>24</b>	⊙Fresh air requirement	⊙Fresh air requirement
<b>25</b>	⊙Sources of its pollution	⊙Sources of its pollution
<b>26</b>	⊙Types of pollutants	⊙Types of pollutants
<b>27</b>	<b>Hygienic disposal</b>	<b>Hygienic disposal</b>
<b>28</b>	<b>Utilization of carcasses</b>	<b>Utilization of carcasses</b>

<b>29</b>	<b>How to safe environment?</b>	<b>How to safe environment?</b>
<b>30</b>	<b>Keeping environment healthy</b>	<b>Keeping environment healthy</b>

#### 4– Teaching and Learning Methods

- Slide projector .
- Vedio & T.V .

#### 5- Student Assessment Methods

- |     |                                 |  |
|-----|---------------------------------|--|
| 5.1 | Written exam                    | to assess knowledge skills                 |
| 5.2 | Practical exam                  | to assess professional skills              |
| 5.3 | Multiple choice exam to measure | to assess intellectual and general skills. |

#### Assessment Schedule

Assessment 1	final exam	week
Assessment 2	practical exam	Week
Assessment 3	oral exam	Week

#### Weighting of Assessments

Final-term Examination	50 %
Oral Examination.	30 %
Practical Examination	20 %
Semester Work	0 %
Other types of assessment	0 %
Total	100 %

Any formative only assessments

#### 6- List of References

- 6.1- Course Notes
  - Academic reports .
- 6.2- Essential Books (Text Books)
  - Health and environment .
- 6.3- Recommended Books
  - Animal health and stressors .
- 6.4- Periodicals, Web Sites, ... etc

#### 7- Facilities Required for Teaching and Learning

- Slide projector
- Vedio & T.V .

**Course Coordinator: Prof . Dr . Farouk Amin Ahmed .**

**Head of Department: Prof . Dr . Farouk Amin Ahmed .**

Date: / /