



Course Specifications

Programme(s) on which the course is given: General Agricultural Programme

Major or Minor element of programmes: Major

Department offering the programme: poultry husbandry and breeding

Department offering the course: poultry husbandry and breeding

Academic year / Level: Fourth academic year – Term II

Date of specification approval:

A- Basic Information

Title: Poultry husbandry and breeding

Code: 223

Credit Hours:

Lecture: 2h/week

Tutorial:

Practicals: 2h

Total: 4h

B- Professional Information

1 – Overall Aims of Course

- To know the species of poultry production
- Short notes on rabbits, water fowl, turkey and pigeon.
- Acquiring broad knowledge about factors affecting, poultry production.

2 – Intended Learning Outcomes of Course (ILOs)

a- Knowledge and Understanding:

Graduates of veterinary medical program must acquire the following knowledge and understanding:

- Basic knowledge about egg production.
- Basic knowledge about inbreeding, outbreeding and selection in farm animals and poultry.

b- Intellectual Skills

Graduates must have the ability to:

- To deal with broilers and laying hens.
- Dealing with poultry production.
- Manipulation of different tools to improve farm animals and poultry.

c- Professional and Practical Skills

Graduates must be attain the capacity to:

- Ability to manipulate problems in poultry farms.
- Ability to deal with poultry production.
- Ability to determine the species of high production.

d- General and Transferable Skills

Graduates must have the ability to:

- ability to write reports and essay on the different scientific items in the field of poultry production
- Ability to working in groups and team.

- Ability to use computer and internet to extract information and knowledge.

3- Contents:

1-lectures topics:-

| Weeks | Content |
|-----------------------|--------------------------------------------------------|
| 1 st week | Broiler production |
| 2 nd week | Conditions of broiler production |
| 3 rd week | Egg production |
| 4 th week | Processes applied on layers |
| 5 th week | Rabbit industry(rabbit farm processing and nutriyion) |
| 6 th week | Rabbit industry(rabbit breeding) |
| 7 th week | Turkey meat production |
| 8 th week | Aquatic bird meat production |
| 9 th week | Ostrich production |
| 10 th week | Ostrich production system |
| 11 th week | Pigeon production |
| 12 th week | Quail production |

2- practical topics:-

| Weeks | Content |
|-----------------------|---------------------------------------------------------------------------|
| 1 st week | Study body external feature of chicken and its relationship to production |
| 2 nd week | Classification of chicken |
| 3 rd week | Reproductive system structure and its relationship with egg production |
| 4 th week | Avian egg structure |
| 5 th week | Basics of hatching egg production |
| 6 th week | Artificial hatching system |
| 7 th week | Incubation period and its importance for poultry breeding |
| 8 th week | Poultry farm establishment |
| 9 th week | Broiler marketing |
| 10 th week | Egg marketing and quality |
| 11 th week | Turkey and ostrich identification |
| 12 th week | Identification of Aquatic bird features and study of their external |

4- Teaching and Learning Methods

- 4.1- Lectures.
- 4.2- Practices
- 4.3- Reports and researches by the students.
- 4.4- Farm visit.

5- Student Assessment Methods

- 5.1 -Assignment examination at the end of term to assess the ability of understanding the course.
- 5.2- Practical examination at the end of term to assess of students practical skill.
- 5.3- Written term examination at the end of term to assess of student outcomes.
- 5.4 -Oral exam to assess student activities.

Assessment Schedule

| | | |
|-----------------------------|------|----|
| Assessment 1 midterm exam | Week | 7 |
| Assessment 2 Practical exam | Week | 13 |
| Assessment 3 Oral exam | Week | 14 |
| Assessment 4 Final - exam | Week | 14 |

Weighting of Assessments

| | |
|------------------------|-----|
| Mid-Term Examination | 10% |
| Final-term Examination | 25% |
| Practical Examination | 15% |
| Total | 50% |

6- List of References

6.1- Course Notes

- Note prepared by Dr. Hossam H. Mohamed Agriculture, Qena

- Title :

Year :

6.2- Essential Books (Text Books)

- Note prepared by Dr. Hossam H. Mohamed Agriculture, Qena

- Title :

Year :

6.3- Recommended Books

6.4- Periodicals, Web Sites, ... etc

Not applicable

7- Facilities Required for Teaching and Learning

Laboratories – equipment – images – farm - auditoriums

Course Coordinator: Zienhom S. Hassan

Head of Department: Dr. Hossam H. Mohamed

Date: 22/12/2009