

Institute of Continuing Education & Extension (ICE&E)

CURRICULUM FOR

Poultry Farm Management

(3 – Months Course)

University of Veterinary & Animal Sciences

UVAS

Ravi Campus D-Block Pattoki

TRAINING OBJECTIVES

This curriculum is developed keeping in view the poultry sector requirements both theoretical & practical in order to produce skillful and capable workforce.

This curriculum covers introduction to different breeds, housing systems, hatching & management of poultry farms, different infectious & non infectious diseases, vaccination & medication.

CURRICULUM SALIENTS

Entry Level	Middle/ Matric
Duration of course	3 – Month
Total Training Hours	300 Hours
	25 Hours per Week
	6 Days a Week
Training methodology	Practical 70%
	Theory 30%
Medium of Instruction	Urdu

- 1 Hour per week for Work Ethics

SKILL PROFICIENCY DETAILS:

On successful completion of this course, the trainee should be able to guide the farmers about modern poultry farm practices such as;

1. Importance of poultry farming
2. Construction of poultry farm
3. Open sided & control poultry house
4. Brooding management
5. Hatching & incubation
6. Medication & vaccination
7. Temperature management
8. Biosecurity management
9. Feeding & drinking
10. Lighting schedule
11. Record keeping
12. Economics & marketing

KNOWLEDGE PROFICIENCY DETAILS:

On successful completion of this course, the trainee should be able to know;

1. Importance of poultry farming
2. Different Housing systems
3. Introduction to poultry farm equipments
4. Brooding & growing management
5. Knowledge of feed ingredients & importance of balanced ration
6. Feeding & drinking systems
7. Light schedule
8. Types of vaccine, vaccine handling & medication
9. Hatchery & hatchery operation
10. Biosecurity measures
11. Record keeping

12. Economics & marketing of poultry and poultry products

SCHEME OF STUDIES
Poultry Farm Management

Sr. #	Main Topics	Theory Hours	Practical Hours	Total Hours
1.	Theory	86	-	86
2.	Practical Training	-	202	202
3.	Work Ethics	2	10	12
Total		88	212	300

DETAIL OF COURSE CONTENTS

Poultry Farm Management
(3 – Months Course)

Sr. No.	Detail of Topics	Theory (Hours)	Practical (Hours)
1.	Theory		
	1.1 Importance of Poultry farming	02	
	1.2 Setting up of a poultry farm	03	
	1.3 Open sided and environmentally controlled poultry houses	04	
	1.4 Poultry house equipment	04	
	1.5 Brooding and growing management	06	
	1.6 Early chick mortality during brooding and its rectification	04	
	1.7 Broiler management practices	04	
		02	

1.8	Causes of poor growth	06	
1.9	Layer management practices	10	
1.10	Breeder management practices	10	
1.11	Importance of lighting in poultry farming	04	
1.12	Feeding and nutrition of broilers	04	
1.13	Layer and breeder birds	04	
1.14	Causes of poor egg production and their rectification	02	
1.15	Maintaining quality of hatching eggs	02	
1.16	Storage of hatching and table quality eggs	02	
1.17	Poultry farming in hot climate	02	
1.18	Poultry farming in cold climate	02	
1.19	Various infectious & non-infectious problems in poultry and their control	02	
1.20	Bio-security measures at poultry farms	02	
1.21	Vaccination of broiler, layer and breeder flocks	02	
1.22	Record keeping at poultry farm	01	
1.23	Economics of production of various types of poultry birds	02	
1.24	Marketing of poultry and poultry products		

2.	Practical Training		
	2.1 Demonstration of various poultry breeds		20
	2.2 Management practices at poultry farm		20
	2.3 Selection and culling in poultry		20
	2.4 Bio-security measures at poultry farms		20
	2.5 Disinfection and fumigation		20
	2.6 Vaccination schedules and techniques		20
	2.7 Debeaking and toe clipping techniques		18
	2.8 Remedies for different vices in poultry		18
	2.9 Record keeping with special reference to the use of computers		18
	2.10 Visit to a poultry farm and hatchery		18
2.11 Feasibility report		10	
3.	Work Ethics		12
Total		88	212

LIST OF TOOLS AND EQUIPMENT
(FOR A CLASS OF 25-STUDENTS)

Name of Trade	Poultry Farm Management (PFM)
Duration of Course	03 – Months

Sr. No.	Tools / Equipments	Tools Quantity
1.	Poultry shed	01
2.	Broiler chicks	100
3.	Brooders	03
4.	Litter Material	01

5.	Feeders	30
6.	Drinkers	30
7.	Hygrometers	02
8.	Feeding Lines	10
9.	Drinking Lines	10
10.	Chick Guard	01
11.	Bulbs/Lights	20
12.	Egg trays	20
13.	Feed Bags	06
14.	Thermometers	04
15.	Nests	05
16.	Incubator	01
17.	Debeaker	01

FURNITURE

S. No	Name of Article	Quantity
1.	Wooden stool (for students)	10
2.	Chair for teachers	02
3.	White board (3 ½ x 5ft) with stand	01
4.	Steel Almirah (4 x 7 ft)	02

EMPLOYABILITY OF PASS OUTS

The pass outs of this course can find job / employment in following areas / sectors:-

1 Government & Private Poultry sector

MINIMUM QUALIFICATION OF TEACHER/INSTRUCTOR

M. Sc (Poultry Production)

OR

Doctor of Veterinary Medicine (DVM) with one year Experience

RECOMMENDED BOOKS

1. Poultry Production by Prof. Dr. Muhammad Akram