

Course Description Form of Principles of Animal Production

1. Course Name:

Principles of Animal Production

2. Course Code:

APD-1201

3. Semester / Year:

Second semester/ 2024-2025

4. Description Preparation Date:

15/1/2025

5. Available Attendance Forms:

Attending

6. Number of Credit Hours (Total) / Number of Units (Total)

175 hours / 7 units

7. Course Administrator's Name (Mention All, If More Than One Name)

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8. Course Objectives

Course Objectives:
Graduating students who are able to:

- Give an idea of importance of animal production, types of farm animals ,animal husbandry .
- Give an idea of importance of reproduction , nutrition and management .
- Animals Housing and Records .

9. Teaching and Learning Strategies

Strategy

A 14 week attendance lectures, interspersed with two monthly exams, daily exams & reports.

10. Course Structure**Theoretical part**

Week	Hours	Required learning outcomes	Unit or Subject	Learning Method	Evaluation Method
1	2	Introduction of importance of animal production.	Principles of Animal Production	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
2	2	Interrelated animal production & plant production , Sciences related to animal production.	Principles of Animal Production	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
3	2	Capabilities & constraint of animal production in Iraq.	Principles of Animal Production	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
4	2	Breed of dairy & beef cattle	Principles of Animal Production	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
5	2	Buffaloes	Principles of Animal Production	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
6	Semester 1st exam				
7	2	Milk production in the world and its influencing factors.	Principles of Animal Production	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
8	2	Sheep & goat breeding	Principles of Animal Production	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
9	2	Nutrition requirements, Compound stomach	Principles of Animal Production	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
10	2	Poultry	Principles of Animal Production	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
11	2	Barns	Principles of Animal Production	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
12	Semester 2nd exam				
13	2	Reproductive in farm animals	Principles of Animal Production	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
14	2	Fish culture & production	Principles of Animal Production	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports

Practical part

Week	Hours	Required learning outcomes	Unit or Subject Name	Learning Method	Evaluation Method
1	3	Visit the farm of Agriculture College	Principles of Animal Production	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
2	3	Observation of field operations	Principles of Animal Production	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
3	3	Milking	Principles of Animal Production	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
4	3	Calves suckling	Principles of Animal Production	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
5	3	Scientific Trip	Principles of Animal Production	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
6	Semester 1 st exam				
7	3	Reproductive physiology & Artificial insemination	Principles of Animal Production	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
8	3	Hatching , Selection of hatching eggs.	Principles of Animal Production	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
9	3	Feedstuffs	Principles of Animal Production	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
10	3	Barns	Principles of Animal Production	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
11	3	Animal diseases	Principles of Animal Production	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
12	Semester 2 nd exam				
13	3	Applied in animal management	Principles of Animal Production	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
14	3	Observation of field operations	Principles of Animal Production	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports

11. Course Evaluation

Examination

Monthly & daily exams with discussion questions inside the lecture .

The degree of participation in the questions related to the subject.

12. Learning and Teaching Sources

Required Textbooks (Curricular Books, If Any)	-Principles of Animal Production. Al-Jalili et.al.
Main References (Sources)	- Milk cattle production . Alkudsi N.H. 2010. -Sheep & goat Principles of Production and Breeding . Al-Kass et.al. 1993
Recommended Books and References (Scientific Journals, Reports...)	Iraqi academic journal
Electronic References, Websites	