

## Course Description Form of Principles of Animal Production

<b>1. Course Name:</b>	
<b>Principles of Animal Production</b>	
<b>2. Course Code:</b>	
APD-1201	
<b>3. Semester / Year:</b>	
Second semester/ 2024-2025	
<b>4. Description Preparation Date:</b>	
15/1/2025	
<b>5. Available Attendance Forms:</b>	
Attending	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
175 hours / 7 units	
<b>7. Course Administrator's Name (Mention All, If More Than One Name)</b>	
Name: Dr. Raaed Ibrahim Khalil Email : <a href="mailto:raaedibrahim@uodiyala.edu.iq">raaedibrahim@uodiyala.edu.iq</a>	
<b>8. Course Objectives</b>	
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 .
<b>9. Teaching and Learning Strategies</b>	
Strategy	A 14 week attendance lectures, interspersed with two monthly exams, daily exams & reports.

**10. Course Structure**

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