

**Republic of Iraq**  
**The Ministry of Higher**  
**Education**  
**& Scientific Research**



**University: Diyala**  
**College: Agriculture**  
**Department: animal production**  
**Stage: second**  
**Lecturer name: Basim about abbas**  
**Academic Status: professor**  
**Qualification: Ph.D.**  
**Place of work: College of Agriculture**

## Flow up of implementation celli pass play

Course Instructor	Prof. Dr. Basim About Abbas				
E-mail	basimabbas@uodiyala.edu.iq				
Title	Animal Production Mechanization				
Course Coordinator	Spring Course \ 2024-2025				
Course Objective	Identification of components of mechanization of animal production, knowledge of the bases of operation of equipment.				
Course Description	All matters related to the life of the animal, water and food and cleaning floors and purify the atmosphere of the barn and milking and hatching and other through the mechanization in all its aspects				
Textbook	Animal Production Mechanization Equipment / Lotfi Hussein / 1988 Mechanization of Animal Production / Mohammed Jassim Al-Nama / 1990 Machinery and agricultural machinery / 2000 World wide web				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As (20%)	As (15%)	As (5%)		As (60%)
General Notes	Type here general notes regarding the course				

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week	Date	Topics Covered	Practical Part
1	1 <sup>st</sup> Week	Introduction to the study of mechanization	Field view
2	2 <sup>nd</sup> Week	Transmission	Traffic accounts
3	3 <sup>rd</sup> Week	Fountains for drinking water for animals	Water pumps
4	4 <sup>th</sup> Week	Mower of green fodder	Minority organizations
5	5 <sup>th</sup> Week	Ballet machines	Harvesting equipment
6	6 <sup>th</sup> Week	Mechanization of silage feed	Silage harvesters accounts
7	7 <sup>th</sup> Week	Grain crushing machines	Mixers of feed
8	8 <sup>th</sup> Week	Pellet mill	Mechanization of feed distribution
9	9 <sup>th</sup> Week	Mechanization of ventilation barns	Mechanization of cooling barns
10	10 <sup>th</sup> Week	Mechanization of heating animal sheds	Field view
11	11 <sup>th</sup> Week	Mechanization of cleaning animal sheds	Mechanization of transportation and circulation
12	12 <sup>th</sup> Week	Conservation of agricultural products	Mechanical vectors
13	13 <sup>th</sup> Week	Wool mowing machine	Field view
14	14 <sup>th</sup> Week	Milking machine	Field application
15		Egg hatcheries	Field view of the hatchery

**Instructor Signature:**  
Prof. Dr. Basim About Abbas  
15/1/2025

**Dean Signature:**  
Prof. Dr. Raaed Ibrahim Khalil  
15/1/2025