

Republic of Iraq

**The Ministry Of Higher
Education**

& Scientific Research

بسم الله الرحمن الرحيم



University: Diyala

College: Agriculture

Department: Animal production

Stage: Third

Lecturer name: Osama Ahmad Latif

Academic Status: Assistant prof

Qualification: Master

Place of work: Coll. Of Agriculture

Flow up of implementation celli pass play

Course Instructor	Osama Ahmad Latif				
E-mail	osama.ahmad@uodiyala.edu.iq				
Title	poultry physiology				
Course Coordinator	1- The student should know the methods of collecting blood. 2- The student learns about the physiological processes in the body. 3- Knowledge of the body's systems.				
Course Objective	Body fluids - body systems - physiological processes in the body				
Course Description	Avian physiology – Dr. Dyaa Hassn Al-Hassany				
Textbook					
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	20%	15%	5%		60%
General Notes					

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week	Date	Topics Covered	Practical Part
1	1 st Week	Body fluids	Preparation of the blood film
2	2 nd Week	Blood and Body fluids	Bird Anatomy
3	3 rd Week	The Cardiac	Methods of Blood Collection
4	4 th Week	Respiratory system	Method of measurement Total erythrocyte count
5	5 th Week	Respiratory system	Blood clotting
6	6 th Week	Urinary system	Method of measurement Hematocrit (PCV)
7	7 th Week	Neurophysiology and electrophysiology	Method of measurement Hemoglobin concentration Hb
8	8 th Week	Caloric regulator system	Total leukocyte count
9	8 th Week	Digestive system	Erythrocyte morphology
10	10 th Week	Female reproductive system	Anatomy of the female reproductive system
11	11 th Week	Female reproductive system	Test ESR, Description of normal leukocytes in avian peripheral blood
12	12 th Week	Male reproductive system	Semen collection
13	13 th Week	Lymphatic system and Immunity	Leukocyte differential
14	14 th Week	Endocrine system	Artificial insemination
15	15 th Week	The nervous system	Anatomy of the male reproductive system

Signature
Assistant prof Osama Ahmad Latif
15/01/2025

Dean's signature
Prof. Dr. Raaed Ibrahim Khalil
15/01/2025