Republic of Iraq The Ministry of Higher Education & Scientific Research



University: Diyala College: Agriculture

Department: Animal Production

Stage: Third stage

Name: Salih Hassan Jasim Academic Status: Professor

Qualification: Ph.D

Place of work: Coll. Of Agriculture

Course Weekly Outline

Course Instructor	Salih Hassan Jasim				
E_mail	Dr.salihhassan56@gmail.com				
Title	Animal Breeding				
Course Coordinator	spring				
Course Objective	Give some general information of Animal Breeding as can be understood in the science curriculum through the study of animal Breeding.				
Course Description					
Course Description					
Textbook	Understanding Animal Breeding by Richard M. Bourdon				
References					
Course Assessment	Term Tests	Laboratory	Quizzes	Project	Final Exam
Course Assessment	As (20%)	As (15%)	As (5%)	As (20%)	As (40%)
General Notes					

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Stage:

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Course weekly Outline

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week	Date	Topics Covered	Practical Part		
1		the gene frequencies			
2		Hardy-Weinberg equilibrium			
3		types of gene action			
4		phenotypic variation and its components			
5		genetic value and breeding value			
6		genetic parameters			
7		estimation of breeding values			
8		methods of selection and calculation of expected genetic change			
9		Mating systems			
10		crossbreeding and hybrid vigor			
11		inbreeding and its effects. In addition			
12		the course outlines the various genetic improvement schemes			
13					
14					
15					

Instructor Signature: Dean Signature: