

Course Weekly Outline

Course Instructor	Salih Hassan Jasim				
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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					
Textbook	Understanding Animal Breeding by Richard M. Bourdon				
References					
Course Assessment	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As (20%)	As (15%)	As (5%)	As (20%)	As (40%)
General Notes					

Course weekly Outline

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	
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Instructor Signature:

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