



Jordan University of Science and Technology
Faculty of Agriculture
Animal Production Department

AP443 Equine Husbandry
First Semester 2021-2022

Course Catalog
3 Credit Hours. This course will focus on the basic anatomy, physiology, reproduction, and nutrition of the horse. Identifying popular horse breeds. Common methods of horse-handling techniques. Recreational and business uses of horses. Metabolic and genetic ailments and disorders in equines, and basic practices of disease control.

Text Book	
Title	Equine Science
Author(s)	Zoe Davies
Edition	3rd Edition
Short Name	Ref # 1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref # 2	Nutrition for Horses	Freedom Health LLC	1st Edition	
Ref # 3	Equine, Rabbit, and Pet Animals	Dr. Jibachha Sah	1st Edition	
Ref # 4	Equine Breeding, Management, and Artificial Insemination	Juan Samper	2nd Edition	

Instructor	
Name	Dr. Mohammad Diya' Obeidat
Office Location	-
Office Hours	

Email	mdobeidat@just.edu.jo
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Class Schedule & Room
Section 1: Lecture Time: Sun : 13:00 - 14:30 Room: M5127 Section 2: Lecture Time: Tue : 13:00 - 14:30 Room: M5127

Prerequisites		
Line Number	Course Name	Prerequisite Type
612060	AP206 Principles Of Animal Science	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction to Equine	From Ref # 3
Weeks 2, 3	Breeds	From Ref # 1 , From Ref # 3
Weeks 4, 5, 6	Equine Anatomy- Bones; Muscles; Digestive System	From Ref # 1
Weeks 7, 8	Nutrition and Feed	From Ref # 2
Weeks 9, 10	Breeding Management	From Ref # 4
Weeks 11, 12	Management and Diseases	From Ref # 1

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Identify different horse breeds and understand the relationship of form to function in the anatomy and physiology of the horse [5SLO 1, 5SLO 2, 5SLO 4]	20%	
Understand the importance of horse nutrition Identify different sources of nutrients for the horse Recognize the different problems associated with feeding [40SLO 2, 10SLO 4]	20%	
Describe how the functional anatomy and hormonal regulation are integrated in the reproductive processes [50SLO 2]	20%	
Identify the skills required to manage a horse farm successfully [20SLO 3, 20SLO 4]	20%	
Identify common diseases found in horses [20SLO 2]	20%	

Relationship to Program Student Outcomes (Out of 100%)			
SLO 1	SLO 2	SLO 3	SLO 4
6.67	62.67	10	20.67

Evaluation	
Assessment Tool	Weight
midterm exam	50%
Final Exam	50%

Policy	
Exams	Written exams will be a combination of True and False, Multiple Choice, fill in the blank, problems, and short essay questions. No makeup exams unless the student is excused. Makeup exams will not be the same exam given to the rest of the class
Cheating	Prohibited; and in case of cheating the student will be subject to punishment according to the rules of JUST
Attendance	According to the Just policy: 20% of the total class count
Participation	Essential and highly encouraged
Withdraw	According to the timeline of JUST

Date Printed: 2021-10-10