



Jordan University of Science and Technology
Faculty of Veterinary Medicine
Veterinary Medicine And Surgery Department

VM495 Equine Theriogenology

First Semester 2021-2022

Course Catalog

1 Credit Hours. This course is the third of three classes directed toward clinical animal reproduction. In general, this class is designed to teach you normal reproductive process, reproductive management, and control of the reproductive cycle, normal and pathology of pregnancy, parturition, and postpartum period as it occurs in horses. In addition, basic reproductive management and diseases of horses will be covered in this class. Previous courses covering the fundamental aspects of reproductive anatomy, histology, embryology, physiology, pharmacology, infectious diseases and pathology will serve as a basic and essential background for the material presented in this course

Text Book

Title	1) Manual of Equine Reproduction. 3rd Edition,
Author(s)	Brinsko et al., 2011
Edition	3rd Edition
Short Name	Textbook
Other Information	Main source for the course

Course References

Short name	Book name	Author(s)	Edition	Other Information
Theriogenology text	Veterinary Reproduction and Obstetrics	Noakes et al., 2018	10th Edition	

Instructor

Name	Prof. Mohammed Ababneh
Office Location	G1 L2
Office Hours	
Email	ababneh@just.edu.jo

Class Schedule & Room

Section 1:

Lecture Time: Tue : 14:30 - 15:30

Room: مدرج د. سعد حجازي

Tentative List of Topics Covered

Weeks	Topic	References
Weeks 1, 2, 3	Reproductive Physiology of the Non-Pregnant Mare: The Estrous Cycle	Chapter one and two From Textbook
Weeks 4, 5, 6	Control and Synchronization of Estrous Cycle and Ovulation	Chapter three From Textbook
Weeks 6, 7	Mare Breeding Soundness Examination	Chapter 4 & 5 From Textbook
Weeks 8, 9, 10	Infertility	Chapter six From Textbook , Chapter 31 From Theriogenology text
Weeks 11, 12	Physiology of Pregnancy and Pregnancy diagnosis In Mares	Chapter Seven From Textbook
Weeks 10, 11	Abnormalities of Gestation in mares	Chapter 8 & 9 From Textbook
Week 13	Normal Parturition and puerperium period in Mares	Chapter 9 & 10 From Textbook
Weeks 14, 15, 16	Postpartum problems in the mare	Chapter 10 From Textbook

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Reproductive Physiology of the Non-Pregnant Mare	10%	
Control and Synchronization of Estrous Cycle and Ovulation	20%	

Relationship to Program Student Outcomes (Out of 100%)

1	2	3	4	5	6	7	8	9	10

Evaluation

Assessment Tool	Weight
Midterm	40%
Quizz	10%
Final	50%

Policy

Attendance	Students are expected to attend classes. Consequently, students are responsible for all material presented or assigned during the scheduled class periods and are expected to obtain such information on their own should a class period be missed. Whenever possible, absences will be discussed with the instructor in advance. Class attendance will be taken in lectures. Absences in excess of the number allowed by JUST regulations will result in the student failing in the course.
Assessment Policy	Quizzes are unscheduled, will be during lecture time, and weigh 10% of the total grade The midterm exam will be timed according to the university calendar and will weigh 40% of the total grade The final exam will be timed according to the university calendar and will weigh 50% of the total grade

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