



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

VM481 General Vet Surgery - JNQF Level: 7

First Semester 2024-2025

Course Catalog

2 Credit Hours. This course introduces 4th-year veterinary students to key principles of veterinary surgery, including asepsis, instrument care, and animal preparation. Students will learn basic surgical techniques, common surgical approaches, suturing methods, and post-surgical care and recognizing and managing post-surgical complications, with a focus on animal rights and professional conduct.

Teaching Method: Electronic Course

Text Book

Title	Turner and Mcllwraith's Techniques in Large Animal Surgery, 4th Edition
Author(s)	Dean A. Hendrickson, A. N. Baird
Edition	4th Edition
Short Name	Turner Large Animal Surgery
Other Information	ISBN: 978-1-118-27323-4; August 2013

Course References

Short name	Book name	Author(s)	Edition	Other Information
Fossum LAS	Small Animal Surgery	Theresa Welch Fossum	5th Edition	eBook ISBN: 9780323443401 9 7 8 - 0 - 3 2 3 - 4 4 3 4 0 - 1; 2018

Instructor

Name	Prof. Zuhair Bani Ismail
Office Location	G1 L2
Office Hours	
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Class Schedule & Room
Section 1: Lecture Time: Sun : 17:00 - 18:00 Room: متزامن الحضور منصة الكترونية

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Course Introduction	From Turner Large Animal Surgery , From Fossum LAS
Week 2	Introduction to Veterinary Surgery	From Turner Large Animal Surgery , From Fossum LAS
Week 3	Principles of Surgical Asepsis	From Turner Large Animal Surgery , From Fossum LAS
Week 4	Inflammation in the Surgical Patient	From Turner Large Animal Surgery , From Fossum LAS
Week 5	Surgical Site Infections	From Turner Large Animal Surgery , From Fossum LAS
Week 6	Post-operative Assessment	From Turner Large Animal Surgery , From Fossum LAS
Week 7	Pain Management in Surgical Patients	From Turner Large Animal Surgery , From Fossum LAS
Week 8	Midterm	
Week 9	Surgical Hemostatic Techniques	From Turner Large Animal Surgery , From Fossum LAS
Week 10	Principles of Wound Healing	From Turner Large Animal Surgery , From Fossum LAS
Week 11	Principles of Open Wound Management	From Turner Large Animal Surgery , From Fossum LAS
Week 12	Wound Dressings and Bandages	From Turner Large Animal Surgery , From Fossum LAS
Week 13	Principles of Abdominal Surgery in Small Animal	From Turner Large Animal Surgery , From Fossum LAS
Week 14	Principles of Abdominal Surgery in Large Animals	From Turner Large Animal Surgery , From Fossum LAS
Week 15	Review and Case Discussion	
Week 16	Final	

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Demonstrate proper aseptic techniques, surgical instrument handling, and preparation of animals for surgery. [1PLO6] [1L7S1]	33%	
Perform basic surgical procedures, including common suturing techniques and post-surgical care for various animal species. [1PLO3, 1PLO5, 1PLO8] [1L7S1]	33%	
Analyze and manage post-surgical complications, applying critical thinking in emergency situations while respecting animal rights and ethical guidelines. [1PLO8] [1L7C2, 1L7C3, 1L7C4]	34%	

Relationship to Program Student Outcomes (Out of 100%)											
PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8	PLO9	PLO10	PLO11	PLO12
		11		11	33		45				

Relationship to NQF Outcomes (Out of 100%)			
L7S1	L7C2	L7C3	L7C4
66	11.33	11.33	11.33

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