



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Allied Medical Sciences Department

LM403 Clinical Microscopy Practical

First Semester 2023-2024

Course Catalog

1 Credit Hours. This practical laboratory course teaches clinical microscopy principles and techniques, analyzing various fluids like urine, stool, CSF, and pleural fluid, complementing the theoretical course.

Teaching Method: On Campus

Text Book

Title	Fundamental of Urine and body fluid analysis
Author(s)	Nancy A. Brunzel
Edition	2nd Edition
Short Name	Ref#1
Other Information	

Instructor

Name	Sahar Baniyaseen
Office Location	-
Office Hours	
Email	sbbaniyaseen@just.edu.jo

Class Schedule & Room

Section 1:

Lecture Time: Sun : 12:30 - 14:30

Room: LAB M 6B

Section 2:

Lecture Time: Sun : 14:30 - 16:30

Room: LAB M 6B

Section 3:

Lecture Time: Thu : 10:30 - 12:30

Room: LAB M 6B

Section 4:

Lecture Time: Thu : 14:30 - 16:30

Room: LAB M 6B

Teaching Assistant

Rasha Elshayib(Sections 1, 2, 3, 4)

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Introduction to lab	From Ref#1
Week 2	Use and care of the microscope.	From Ref#1
Week 3	Use of Hemocytometer in microscopic analysis	From Ref#1
Weeks 4, 5, 6	Urine examinations	From Ref#1
Week 8	Cerebrospinal fluid (CSF) examination	From Ref#1
Week 9	Stool examination	From Ref#1
Week 10	Sputum examination	From Ref#1
Week 10	Seminal fluid examination	From Ref#1
Week 11	Synovial fluid examination	From Ref#1
	Pleural fluid, peritoneal fluid, and pericardial fluid examination	From Ref#1

Relationship to Program Student Outcomes (Out of 100%)

SLO1	SLO2	SLO3	SLO4	SLO5	SLO6	MSLO1	MSLO2	MSLO3	MSLO4	MSLO5	MSLO6