



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

LM251 Basics In Hematology (Lab) - JNQF Level: 7

First Semester 2023-2024

**Course Catalog**

0 Credit Hours. This course provides a comprehensive and detailed understanding of the most important basics, techniques and test procedures that are used in routine hematology and their principles.

**Teaching Method:** On Campus

**Text Book**

<b>Title</b>	Rodak's Hematology Clinical Principles and Applications.
<b>Author(s)</b>	Elaine M.Keohane, Larry J.Smith , Jeanine M.Walenga
<b>Edition</b>	6th Edition
<b>Short Name</b>	Text book
<b>Other Information</b>	

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
Ref 1	Clinical Laboratory Hematology	Shirlyn Mckenzie, Kristin Landis-Piwoward, Lynne Williams	5th Edition	

**Instructor**

Name	<b>Miss Adan Alnaamneh</b>
Office Location	-

Office Hours	Sun : 08:00 - 08:30 Sun : 14:30 - 16:30 Mon : 08:00 - 08:30 Mon : 14:30 - 16:00 Tue : 08:00 - 08:30 Wed : 08:00 - 08:30 Wed : 08:30 - 10:30 Wed : 10:30 - 12:30 Thu : 12:30 - 14:30
Email	ahalnaamneh2@just.edu.jo

Instructor	
Name	<b>Mr. Saif Alahmad</b>
Office Location	-
Office Hours	Sun : 08:30 - 10:30 Mon : 11:30 - 13:30 Tue : 14:30 - 16:30 Thu : 08:30 - 10:30 Thu : 12:30 - 14:30 Thu : 14:30 - 16:30
Email	szalahmad7@just.edu.jo

Class Schedule & Room
<p>Section 1: Lecture Time: Sun : 12:30 - 14:30 Room: LAB</p> <p>Section 2: Lecture Time: Thu : 08:30 - 10:30 Room: LAB</p> <p>Section 3: Lecture Time: Thu : 10:30 - 12:30 Room: LAB</p> <p>Section 6: Lecture Time: Sun : 10:30 - 12:30 Room: LAB</p> <p>Section 7: Lecture Time: Mon : 12:30 - 14:30 Room: LAB</p> <p>Section 8: Lecture Time: Tue : 12:30 - 14:30 Room: LAB</p>

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method

Learning and applying the safety standard rules in the hematology lab [1SLO4] [1L7S2]	5%	
Understand blood and its components specifically the formed cellular elements including erythrocytes, leukocytes, and thrombocytes. [1SLO1] [1L7K1]	10%	
Understand the most important techniques and test procedures that are applied in routine hematology and the purpose behind these tests [1SLO1] [1L7K1]	20%	
Acquire the skill of blood withdrawal to collect blood samples using different techniques and collection tubes. [1SLO2] [1L7S2]	5%	
Execute the routine tests in a hematology lab. [1SLO2] [1L7S2]	30%	
Implement quality control and quality assurance measures to achieve a precise and accurate diagnosis of diseases with no or minimized errors and false results. [1SLO4] [1L7S3]	10%	
Correlate and interpret the results of the basic tests to classify them as normal or abnormal. [1SLO3] [1L7C2]	20%	

Relationship to Program Student Outcomes (Out of 100%)											
SLO1	SLO2	SLO3	SLO4	SLO5	SLO6	MSLO1	MSLO2	MSLO3	MSLO4	MSLO5	MSLO6
30	35	20	15								

Relationship to NQF Outcomes (Out of 100%)			
L7K1	L7S2	L7S3	L7C2
30	40	10	20

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