

MLS 3702L - Clinical Hematology 2 Laboratory

Fall 2026 Syllabus, Section 01, CRN 41276,

Credit hours: 1

Instructor

Farhana Mueez

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Public Instructor Information

Instructor Title:

Farhana Mueez M.D., M.H.A., MLS (ASCP)^{cm}

Program Director Medical Laboratory Science Programs

Instructor Professional Qualifications:

M.D., ECFMG Certified-2011

M.H.A., University of Phoenix-2006

MLS (ASCP)^{cm}: University of Kentucky-2017

Instructor Office Location:

Dept. of Health Professions

Cushwa Hall Room # 2450

Instructor Office Phone:

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Course Description

3702L. Clinical Hematology 2 Laboratory. Laboratory procedures in hematology and hemostasis, including leukemia, anemia, hematopathology and coagulation disorders; abnormal differentials and automated methods. Three hours of laboratory per week. Prereq.: MLS 3701, MLS 3701L with a minimal grade of "C". Coreq.: MLS 3702. 1 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Clinical Hematology Atlas	Jacqueline H.Carr	978-0-323-71192-0

Additional readings and laboratory procedures and Study questions and Lab exercises are posted on BlackBoard classroom with each laboratory procedures.

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

TENTATIVE AGENDA F2026 GROUP-A TUESDAY GROUP-B THURSDAY (This Schedule is subjected to change according to the class requirement)

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/25	All Lab procedures information will be posted with labs information each week.	GROUPS A=TUESDAY GROUP B= THURSDAY	NO LABS



9/1	A-09/01 B-09/03	PLATELET LAB PLATELET LAB	DUE-09/14 For both A & B groups
9/8	A-09/08 B-09/10	PLATELET LAB PLATELET LAB	DUE-09/14 For both A & B groups
9/15	A-09/15 B-09/17	Normal RBC morphology Normal RBC morphology Media Lab RBC Morphology Cases x 10	DUE 10/01 lab RBC morphology cases
9/22	A-09/22 B-09/24	Normal RBC morphology Normal RBC morphology	DUE 09/28 Normal RBC morphology
9/29	A-09/29 B-10/01	Normal Differentials Normal Differentials Media Lab Normal Differential Cases x 10	DUE- 10/22 Media Lab Normal Differential Cases x 10
10/6	A-10/06 B-10/08	Normal Differentials Normal Differentials	
10/13	A-10/13 B-10/15	MIDTERM(COMPREHENSIVE) MIDTERM(COMPREHENSIVE)	DUE-10/13 GROUP A DUE 10/15 GROUP B
10/20	A-10/20 B-10/22	Normal Differentials Normal Differentials	DUE 10/26 both A and B groups
10/27	A-10/27 B-10/29	Abnormal Differentials Abnormal Differentials Media Lab Abnormal Differential Cases x 10	DUE 11/12 Media Lab Abnormal Differential Cases x 10
11/3	A-11/03 B-11/05	Abnormal Differentials Abnormal Differentials	
11/10	A-11/10 B-11/12	Abnormal Differentials Abnormal Differentials	DUE-11/16 Abnormal Differentials
11/17	A-11/17 B-11/19	COAG LAB & Slide making lab. COAG LAB & Slide making lab.	DUE-11/20 Both Groups A & B
11/24	A & B -11/24 11/26	OPEN LABS BOTH A & B GROUPS NO LABS THANKSGIVING BREAK	
12/1	A-12/01 B-12/03	FINAL EXAM(COMPREHENSIVE) FINAL EXAM(COMPREHENSIVE)	DUE 12/01 Group A DUE 12/03 Group B

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.