



The University of Jordan
Accreditation & Quality Assurance Center

COURSE Syllabus

1	Course title	Hematology II
2	Course number	0308363
3	Credit hours (theory, practical)	2 (2 theory, 0 practical)
	Contact hours (theory, practical)	1 theory, 0 practical / week
4	Prerequisites/corequisites	Hematology I (0308362)
5	Program title	Medical Laboratory Sciences
6	Program code	0308
7	Awarding institution	
8	Faculty	Science
9	Department	Department of Medical Laboratories
10	Level of course	300
11	Year of study and semester (s)	2017/ 2018 - Second
12	Final Qualification	BSc
13	Other department (s) involved in teaching the course	NA
14	Language of Instruction	English
15	Date of production/revision	15.5.2018

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.

Office numbers : Biology Building

office hours: Thur. 9:30-10:30

phone numbers: 22243

email: AA.12752@KHCC.JO

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

18. Course Description:

As stated in the approved study plan.

The goals of this course are to:

1. Learn the disorders of white blood cells especially the pathophysiology of leukemia.
2. Connect the different leukemias and lymphomas with their related differential diagnostic laboratory test and treatments.
3. Explore the hemostasis system function, interaction, and monitoring. In addition to disorders of platelets.
4. Learn the principles and procedures of routine and special hemostasis assays and the tests used to evaluate common abnormalities in coagulation and fibrinolysis.

19. Course aims and outcomes:**A- Aims:**

This course aims to introduce undergraduate students to basic hemostasis system and platelets function, disorders, and monitoring testing. Also, acquire the necessary information for pathophysiology, diagnosing, treating, monitoring leukemias and lymphomas patients.

B- Intended Learning Outcomes (ILOs): during learning of this course, students are expected to:

1. Learn basic concepts of malignancies
2. Acquire the necessary information for diagnosing, treating, monitoring leukemias and lymphomas patients.
3. Understand the pathophysiology of leukemias and lymphomas.
4. To know the basic of hemostasis system and platelets function, disorders, and monitoring testing.
5. Learn basic principles and procedures of routine and special hemostasis assays and the tests used to evaluate common abnormalities in coagulation and fibrinolysis.
6. To correlate the hemostasis assay results with various bleeding disorders.

C- Student outcomes(SO): Upon successful completion of this course students will be able to:

1. Understand basic concepts of hemostasis, leukemias, and lymphomas
2. Identify key diagnostic tests for diagnosing, treating, monitoring leukemias and lymphomas patients, as well the hemostasis assays.

0. Topic Outline and Schedule:

As shown in table 1

21. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:

1 lecture/ 2h / week

22. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

1. 1st term exam (1 h / 30 %)
2. 2nd term exam (1 h / 30 %)
3. Final exam (2 h / 40 %)

23. Course Policies:

A- Attendance policies: Attendance of lectures and lab sessions is obligatory

B- Absences from exams and handing in assignments on time: Not accepted

C- Health and safety procedures: Strict and are followed up

D- Honesty policy regarding cheating, plagiarism, misbehavior: Very strong.

E- Grading policy: 100% theory , and no practical

F- Available university services that support achievement in the course: Accepted, but not adequate.

24. Required equipment:

Data shows and laptop for lectures.

25. References:

A- Required Textbook (s), assigned reading and audio-visuals:

- Hoffbrand A.V, Moss P.H.A and Pettit J.E. Essential Hematology, 6th Ed. 2010

B- Recommended books, materials, and media:

- Robert S. Hillman, Kenneth A. Ault & Herry M. Rinder. Hematology in Clinical Practice, 1st

Ed. 2005.

- Stien-Martin E, Lotspeich-Steininger CA, and Koepke JA. Clinical Hematology principles and procedures, 2nd Ed 1998. Lippincott, Philadelphia, NY, USA.
- Dacie and Lewis. Practical Hematology, 9th Ed. 2001.

26. Additional information:

www.bloodline.net

www.bloodmed.com

www.hematologyatlas.com

<http://pathy.med.nagoya-u.ac.jp/atlas/doc/atlas.html>

http://courseweb.edteched.uottawa.ca/Medicine_hematology/LectureTopics/Default.htm

Name of Course Coordinator: Dr. Ahmad Abu-Khader Signature: Ahmad Abu-Khader

Date: 15.5.20187

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----

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