



The University of Jordan

Accreditation & Quality Assurance Center

COURSE Syllabus

1	Course title	Essentials & Ethics of Clinical Laboratory Profession
2	Course number	0308101
3	Credit hours (theory, practical)	1
	Contact hours (theory, practical)	1
4	Prerequisites/corequisites	-
5	Program title	Clinical Laboratory Sciences
6	Program code	
7	Awarding institution	The University of Jordan
8	Faculty	Sciences
9	Department	Clinical Laboratory Sciences
10	Level of course	1st year
11	Year of study and semester (s)	2nd semester 2016/2017
12	Final Qualification	BSc
13	Other department (s) involved in teaching the course	None
14	Language of Instruction	English
15	Date of production/revision	2018

16. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.
 Office Hours: Tuesdays 10:00- 11:00 and Wednesdays 12:00-1:00
 Office: Cell Therapy Center
 Tel.: 5355000
 Email: azab.belalm@gmail.com

17. Other instructors:

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

None

18. Course Description:

As stated in the approved study plan.

The student will be introduced to the profession of medical laboratories and the clinical laboratory sciences, major disciplines in clinical laboratory sciences. Professional ethics, history, organization, certification, registration, licensure, regulatory agencies and governmental laws, basic concepts of laboratory practice introduced, including laboratory safety, phlebotomy, specimen processing, laboratory information systems, hospital and laboratory organization and certification. An introduction to the basic techniques in clinical laboratories, an overview that explains why laboratory tests are ordered and how interpretation of laboratory data is used in the care and welfare of patients. A field trip to visit a clinical laboratory is also included.

19. Course aims and outcomes:

<p>A- Aims:</p> <ol style="list-style-type: none"> 1. Identify the major disciplines in clinical laboratory sciences. 2. Explain the Professional ethics, history, organization, certification, registration, licensure, regulatory agencies and governmental laws. 3 explains why laboratory tests are ordered and how interpretation of laboratory data is used in the care and welfare of patients. <p>B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to ...</p> <ul style="list-style-type: none"> • Define laboratory. • Identify and enumerate the different kinds of medical laboratories. • Explain the role of medical laboratory services. • State the laboratory rules and polices. • Follow the Professional ethics

20. Topic Outline and Schedule:

Topic	Week	Achieved ILOs	Evaluation Methods	Reference
Introduction	1	NA	NA	
قوانين مهنة المختبرات الطبية	1	1,2,3,4	Group project, presentation and test	
اخلاقيات نقل و سحب الدم	2	1,2,3,4	Group project, presentation and test	
زراعة الأعضاء	2	1,2,3,4	Group project, presentation and test	
التحاليل الطبية في البحث الجنائي	3	1,2,3,4	Group project, presentation and test	
التخصص بين الحاضر و المستقبل	3	1,2,3,4	Group project, presentation and test	
التحاليل الطبية مهنة لا مجال فيها للخطأ	4	1,2,3,4	Group project, presentation and test	
أطفال الأنابيب	5	1,2,3,4	Group project, presentation and test	
النقابات المهنية	5	1,2,3,4	Group project, presentation and test	
gene therapy	6	1,2,3,4	Group project, presentation and test	
Surrogacy	6	1,2,3,4	Group project, presentation and test	
اهم المختبرات في مهنة التحاليل الطبية	7	1,2,3,4	Group project, presentation and test	
Diagnostic lab statistics in Jordan	7	1,2,3,4	Group project, presentation and test	
Bio medical waste	8	1,2,3,4	Group project, presentation and test	
Infectious control	9	1,2,3,4	Group project, presentation and test	
الاستساح	10	1,2,3,4	Group project, presentation and test	
lab safety	10	1,2,3,4	Group project, presentation and test	
ضبط الجودة في المختبرات	11	1,2,3,4	Group project, presentation and test	
euthanasia	12	1,2,3,4	Group project, presentation and test	

21. Teaching Methods and Assignments:

<p>Development of ILOs is promoted through the following <u>teaching and learning methods</u>:</p> <p>Students learn through:</p> <ul style="list-style-type: none"> • Groups projects • Groups presentations • facilitator-led discussion of course modules

22. Evaluation Methods and Course Requirements:

<p>Opportunities to demonstrate achievement of the ILOs are provided through the following <u>assessment methods and requirements</u>:</p>
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Participation	10%
Project report	10%
Group lecture	40%
Final Written Exam	40%

23. Course Policies:

A- Attendance policies:

- attend and participate in all classes: attendance will be taken..

Class time will be used to discuss, elaborate, expand, etc., on the written modules. This may include formal/informal lectures, audio visual presentations, demonstrations, labs, etc.

B- Absences from exams and handing in assignments on time:

1. A student who has been absent for 15% or more of the total hours of any course, including absences for medical or compassionate reasons, may be required to withdraw from that particular course.
2. Students who miss quizzes or examinations will automatically be assigned a mark of zero unless the respective instructor, or the Program Head, has been notified of the reason for absence *PRIOR* to the commencement of the exam. Acceptable reasons will be evaluated at the time (e.g., illness - medical certificate may be required, serious illness or death in the family, etc.). Supplemental examinations may be allowed in legitimate cases.

C- Health and safety procedures:

All students need to be immunized against hepatitis B, immunization certificate must be forwarded to the coordinator of the hospital training. Pregnancy affects immunization and it is the responsibility of the student to notify the health person as soon as possible of her pregnancy. If there are fees related to immunization, it is the responsibility of the student.

D- Honesty policy regarding cheating, plagiarism, misbehavior:

E- Grading policy:

F- Available university services that support achievement in the course:

24. Required equipment:

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25. References:

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

NITO Norwegian Institute of Biomedical Science
Ethics for Biomedical Laboratory Scientists

Introduction to Medical Laboratory Technology

Bilto, Y. Y. Notes on Essentials & Ethics of Clinical Laboratory Profession, 2016.

B- Recommended books, materials, and media:

26. Additional information:

Name of Course Coordinator: DR. BELAL AZAB Signature: *Belal Azab* Date: 08 June 2018

Program Director: ----- Signature: -----

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

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

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

Copy to:

Head of Department
Assistant Dean for Quality Assurance
Course File