# Anatomy for Medical Laboratory Students LABM 210 (2 credits 14:30) Academic Year 2023 – 2024

Course Coordinator: Dr. Abdo Jurjus

Extension: 4785

DTS Building, 1<sup>st</sup> Floor, Room 117E

email: aj00@aub.edu.lb

## **Laboratory Assistants:**

Mr. Nabih Mheidly
Mr. Hisham Daouk

DTS Building, 1<sup>st</sup> Floor, Room 153
DTS Building, 1<sup>st</sup> Floor, Room 135

**Time** Lectures & Labs: Mondays 2:00-4:00 p.m.

Wednesdays 2:00-4:00 p.m.

Places Gross Anatomy Lab DTS Bldg. (Basement), Room 142... Lectures

Gross Anatomy Lab DTS Bldg. (Basement)...... Laboratory

## **Course Description:**

This is 2-credit course aiming to introduce Medical laboratory students to Microscopic Anatomy, Histological Techniques, and Gross Anatomy of the various organs and systems of the human Body. This course is based on an integrated teaching approach, promoting self-learning, to acquire a core knowledge, basic skills and a positive attitude towards the various aspects of anatomical sciences.

## **Student Learning Objectives:**

By the end of this course, students will acquire a basic foundation in anatomical sciences and will be able to:

- 1. Identify the organs forming the various systems in the human body.
- 2. Know the histology of the basic tissues forming the various organs in the body.
- 3. Understand how individual structures relate to the composition of the entire body and correlate structure and function.
- 4. Acquire the skills of using a microscope and processing biopsies for microscopy.
- 5. Differentiate microscopically between the various tissues and organs forming the organism.

## **Evaluation of the Course:**

The performance of the students in reaching the set objectives will be assessed as follows:

1.	2 Theoretical e	exams (40	min each)	) 32.5X2 =	= 65%
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- 2. 2 Practical exams (20 min each) 10X2 = 20%
- 3. Professionalism (attendance, reports, teamwork)

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15%

Total

## **Academic Integrity:**

The heart of the health profession is integrity, and a medical laboratory technician is a member of the medical team. Any violation of academic integrity will not be tolerated and will result in serious repercussions. Please refer to AUB Policies and Procedures on academic integrity.

http://pnp.aub.edu.lb/university/handbook/158010044.html

(Attached: Medical Student Pledge).

Students must clearly follow examination procedures and policies as dictated by the course coordinator. Cellular phones or other electronic devices are prohibited at examination sessions. Students caught cheating or violating policy and procedures during examinations will receive a zero on the exam and will be subjected to disciplinary action.

Professionalism is a major component of our curriculum. Behaviors and attitudes demonstrating professionalism include respect for others, abiding by the rules and regulations, sharing and teamwork, punctuality, proper communication, compassion and empathy.

Students should demonstrate respect for their colleagues, their teachers and the institution, and must refrain from any behavior that will disrupt the class, such as distracting fellow students, using cell phones, making noise and arriving late.

Professionalism, communication and personal development will be monitored, and students' performance will contribute to the final course grade as above. Below are specific expectations in each domain:

## Professionalism Expectations:

- 1. Attend classes and be punctual
- 2. Be prepared and fulfill responsibilities promptly
- 3. Demonstrate a collegial and respectful attitude towards peers and faculty
- 4. Demonstrate initiative and willingness to provide help to and share knowledge with others
- 5. Demonstrate honesty and integrity

### Communication Skills Expectations:

- 1. Contribute to and promote group discussion and teamwork
- 2. Provide constructive and specific feedback to peers
- 3. Listen actively to others
- 4. Convey information and explain clearly

### Personal Development Expectations:

- 1. Accept feedback with a positive attitude
- 2. Recognize limits and seek help when needed
- 3. Exhibit leadership qualities
- 4. Respect, acknowledge and seek to understand other people's viewpoints

## Non-Discrimination - Title IX - AUB

AUB is committed to facilitating a campus free of all forms of discrimination including sex/gender-based harassment prohibited by Title IX. The University's non-discrimination policy applies to, and protects, all students, faculty, and staff. If you think you have experienced discrimination or harassment, including sexual misconduct, we encourage you to tell someone promptly. If you speak to a faculty or staff member about an issue such as harassment, sexual violence, or discrimination, the information will be kept as private as possible, however, faculty and designated staff are required to bring it to the attention of the University's Title IX Coordinator. Faculty can refer you to fully confidential resources, and you can find information and contacts at www.aub.edu.lb/titleix. To report an incident, contact the University's Title IX Coordinator Trudi Hodges at 01-350000 ext. 2514, or titleix@aub.edu.lb. An anonymous report may be submitted online via EthicsPoint at www.aub.ethicspoint.com.

AUB strives to make learning experiences as accessible as possible. If you anticipate or experience academic barriers due to a disability (including mental health, chronic or temporary medical conditions), please inform me immediately so that we can privately discuss options. In order to help establish reasonable accommodations and facilitate a smooth accommodations process, you are encouraged to contact the Accessible Education Office: <a href="mailto:accessibility@aub.edu.lb">accessibility@aub.edu.lb</a>; +961-1-350000, x3246; West Hall, 314.

# LABM 210 Course Contents

The contents will be divided into 10 sessions of 2 hours each. Each session will contain theoretical and practical components. In addition, there will be hand-on sessions for the removal and complete processing of a biopsy.

Date	Description
January 22	Introduction to human body: Terminology and overview of systems + Lab
January 24	Histological methods: History and application + Lab
January 29	Cytology + Lab
January 31	Basic tissues: Epithelium, glands and skin + Lab
February 05	Connective tissue: Regular connective tissue + Lab
February 07	Blood hematopoiesis and the lymphoid organs + Lab
February 12	Bone and Cartilage + Lab
February 14	Muscle tissue: voluntary, cardiac, and smooth muscles + Lab
February 19	Nervous System+ Lab
February 21	Biopsy taking and processing (multiple sessions)

**Exams:** Dates to be determined.

**Textbook:** There is no typical textbook for this course; it will depend on handouts and Moodle

material, in addition to laboratory work.

### **Good Luck**