

American University of Beirut

Faculty of Health Sciences - *Medical Imaging Sciences*

Course Number: DGRG270

Course Name: Clinical Practicum VI

Course Administration

Name: Mrs. Hala Hilal

Office: SB23

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Office hours: upon appointment

Class Time and Location

210 Clinical hours distributed 15hrs/week over 14 weeks

Location:

- Diagnostic Radiology department AUMBC
- Medical Center
- ACC

Time:

	Monday	Tuesday	Wednesday	Thursday	Friday
<u>Issam</u>		10:00-3:00	8:00-1:00	10:00-3:00	
<u>Aya</u>	8:00-3:30		8:00-3:30		
<u>Karine</u>		10:00-3:00	8:00-1:00	10:00-3:00	
<u>Tina</u>	10:00-4:00		11:00-4:00		12:00-4:00
<u>Elham</u>		10:00-3:00	8:00-1:00	10:00-3:00	
<u>Roba</u>		10:00-3:00	8:00-1:00	10:00-3:00	

Course Description

210 hours of Clinical training in:

- General Radiography
- Emergency Radiography
- Computed Tomography
- Reading observer-ship
- Modalities (noninvasive vascular and cardiac labs, radiation oncology)

Course Objectives

By the end of the course, students will be able to:

1. demonstrate accurate positioning skills
2. select appropriate technical factors
3. demonstrate effective oral communication skills
4. demonstrate effective written communication skills
5. employ critical thinking and problem solving skills
6. evaluate procedures holistically

Required Readings

- All posted material on Moodle
- Clinical Practicum handbook – DGRG 270
- Radiographic Image Analysis(Kathy McQuillen Martensen, 4th edition)

Assignment /Assessment	%	Linked objectives
Case Report 1 in CT	30	1-6
Case report 2 in one of the modalities	30	1-6
Viva oral Assessment	30	1-6
Clinical Instructor assessment by the end of the semester	10	1-6
Course Requirements and Student Evaluations		

Credits Allocated

Detailed Course Outline

<i>Rotation</i>	<i>Course Objectives</i>
<ul style="list-style-type: none"> • General/Emergency Radiography 	<ul style="list-style-type: none"> • Patient care • Exam preparation • Equipment manipulation • Positioning skills • Post procedure process • Image assessment
<ul style="list-style-type: none"> • Computed Tomography 	<ul style="list-style-type: none"> • Patient care • Under supervision perform all procedures • Perform specific procedures CTA cardiac, circle of Willis, thoracic and abdomen
<ul style="list-style-type: none"> • Noninvasive cardiac lab 	<ul style="list-style-type: none"> • Patient care • Patient preparation • Provide clear pre-preparation instructions to patients • Know the views and anatomy • know Conventional display of echocardiographic views • Learn Transducer Position of each view • Understand what color Doppler is and the difference between normal and abnormal <ul style="list-style-type: none"> ○ Flow and The difference between CW and PW
<ul style="list-style-type: none"> • Radiation Oncology 	<ul style="list-style-type: none"> • Patient care • Exam preparation • Equipment manipulation

Week	Date	Holiday	Assignment /Assessment
	January 22-January 24		
1	January 27- January 31		
2	February3- February 7		
3	February10- February 14		
4	February 17- February 21		
5	February 24- February 28		
6	March2- March6		
7	March 9-March13		
8	March16- March20		Case Report 1 Friday, March 20@ 5pm
9	March23- March27	Wed.25 Annunciation	
10	March30-April3		
11	April 6-April10	Good Friday	
12	April 13-April17	Easter Monday Good Friday	Case report2 Due Friday, April17@ 5pm
13	April20- April24	Easter Monday	
14	April27-May1	Friday	
15			VIVA oral exam

Course Policy

AUB/FHS policies

✓ Attendance

- *The clinical hours are assigned by the educator - clinical instructor*
- *The student shall not depart from the assigned clinical rotation without the approval of the educator - clinical instructor*
- *To pass the course, students are requested to complete the total hours of the clinical practice required by the course*
- *Upon reporting to the clinical practice, the student should document his / her attendance with the educator - clinical instructor*
- *The student is expected to attend all the sessions. If he/she misses a clinical session, it is his/her responsibility to make up for the missed hours with the educator - clinical instructor*
- *Missing clinical hours for excused reasons e.g. sickness, shall be accompanied by evidence e.g. physicians report*
- *Every unexcused absence from the clinical practice will lead to a 5% deduction on the average of the course*
- *The educator - clinical instructor shall drop the student from the course after three unexcused absences from clinical training*
- *The student shall report to the clinical setting ten minutes prior to the scheduled time*
- *If a student will be late or has an excuse for not attending the clinical practice, he / she shall email the educator - clinical instructor at the beginning of the scheduled shift*
- *A student who misses more than 30 minutes of their scheduled clinical training will be counted absent for the entire clinical day (unexcused absence)*
- *Any accident or incident involving a patient in the radiographic room / division must be reported immediately to the educator - clinical instructor*
- *Any incident or issue involving clinical staff at the radiology department must be immediately reported to your educator - clinical instructor*
- *Students shall seek help for any issue pertaining to radiographers in the radiology from your educator - clinical instructor in that particular course*

Uniforms:

- *Professional and ethical conduct shall be applied according to AUMBC dress code policy*
 - *The students shall report to the Diagnostic Radiology Department only in MIS uniforms*
 - *Students who wear head veils only white / off white are accepted*
 - *For colder weather, a white long sleeve shirt worn under the uniform scrub top is permitted. Undershirt may not be visible by hanging lower than the scrub top*
- #### ✓ Academic Integrity

- *Any act of cheating or plagiarism is a violation of academic integrity and will not be tolerated. Kindly refer to student handbook or refer to AUB Policies and Procedures on academic integrity*

<http://pmp.au.edu.lb/university/handbook/158010044.html>

✓ *Students with Disabilities:*

'AUB strives to make learning experiences accessible for all. If you anticipate or experience academic barriers due to a disability (such as ADHD, learning difficulties, mental health conditions, chronic or temporary medical conditions), please do not hesitate to inform the Accessible Education Office. In order to ensure that you receive the support you need and to facilitate a smooth accommodations process, you must register with the Accessible Education Office (AEO) as soon as possible: accessibility@aub.edu.lb; [+961-1-350000](tel:+9611350000), x3246; West Hall, 314'.

✓ *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 Ethics Point at www.aub.ethicspoint.com.*

Reference for readings