

TISHK INTERNATIONAL UNIVERSITY
FACULTY OF APPLIED SCIENCE
Department of MEDICAL ANALYSIS,
-2022 Spring
Course Information for MA 402 MEDICAL MYCOLOGY

Course Name: MEDICAL MYCOLOGY					
Code MA 402	Regular Semester 8	Theoretical 2	Practical 4	Credits 4	ECTS 5
Name of Lecturer(s)- Academic Title: Ramiar Kheder - Ramyar Kheder - Assistant Professor					
Teaching Assistant: Ms Zahra					
Course Language: English					
Course Type: Main					
Office Hours 2 hrs Theory 2h Practical					
Contact Email: ramiar.kheder@tiu.edu.iq ramyar.kheder@tiu.edu.iq Tel: +9647504669498					
Teacher's academic profile: PhD					
Course Objectives: The course will cover medical mycology texts topics together with print media or internet articles, which deal with current fungal infections issues. Instructional strategies attempt to strike a balance between developing the students ability to cope with mycology, extending their general academic reading skills, and increasing their basic knowledge and understanding of fungal infections and diseases.					
Course Description (Course overview): The course will cover medical mycology texts topics together with print media or internet articles, which deal with current fungal infections issues. Instructional strategies attempt to strike a balance between developing the student's ability to cope with mycology, extending their general academic reading skills, and increasing their basic knowledge and understanding of fungal infections and diseases.					

COURSE CONTENT

Week	Hour	Date	Topic
1	2	6-10/2/2022	Introduction to Medical Mycology
2	2	13-17/2/2022	detection of fungal infections
3	2	20-24/2/2022	Classification of Mycosis
4	2	27/2-3/3/2022	Superficial Infections
5	2	6-10/3/2022	Cutaneous Infection
6	2	27-31/3/2022	Candida Infections
7	2	3-7/4/2022	Dermatophyte Infections
8	2	10-14/4/2022	Midterm Exam
9	2	17-21/4/2022	Subcutaneous Mycosis
10	2	24-28/4/2022	Systemic Mycosis
11	2	8-12/5/2022	Opportunistic fungal Infections
12	2	15-19/5/2022	Antifungal Agents
13	2	22-26/5/2022	Mushroom Poisonings
14	2	29/5-2/6/2022	Revision

15	2	5-9/6/2022	Final Exam
16	2	12-16/6/2022	Final Exam
COURSE/STUDENT LEARNING OUTCOMES			
1	Introduction and Classification of Mycoses		
2	Detection of fungal Infections		
3	Cutaneous Mycosis		
4	Subcutaneous Mycosis		
5	Systemic Mycosis		
COURSE'S CONTRIBUTION TO PROGRAM OUTCOMES (Blank : no contribution, I: Introduction, P: Proficient, A: Advanced)			
Program Learning Outcomes			Cont.
1	Evaluate clinical laboratory data by interpreting laboratory results and relating the data to various disease states.		I
2	apply principles of evidence-based medicine to determine clinical diagnoses.		P
3	apply the basic principles of gross and microscopic anatomy, physiology, biochemistry, immunology, microbiology/virology.		P
4	formulate and implement acceptable treatment modalities to various disease states.		I
5	use technology effectively in the delivery of instruction, assessment, and professional development.		P
6	exhibit essential employability qualities by demonstrating laboratory safety, analyzing laboratory results, and displaying professional conduct.		A
7	exhibit organizational skills, accountability, and ethical behavior.		A
8	apply skills needed in operating laboratory equipment for testing, assessing quality assurance for lab equipment, and adhering to standard safety practices in the laboratory environment.		A
9	apply problem-solving and decision-making skills.		P
10	apply and promote health policies and regulatory standards in the field career.		I
11	develop research in the field of medical analysis using qualitative and quantitative methods.		P
Prerequisites (Course Reading List and References):	1. Kauffman C.A., Pappas P. G. Sobel J. D. and Dismukes W. E. (2011). Essentials of Clinical Mycology, 2nd ed., Springer New York 2. Reiss, E., Shadomy H. J. and Lyon G. M. (2012). Fundamental Medical Mycology. Wiley-Blackwell. 3. Dismukes W. E., Pappas P. G. and Sobel J. D. and (2003). Clinical Mycology, 2nd ed., Springer New York 5. Karen C. Carroll, Jeffery A. Hobden, Steve Miller, Stephen A. Morse, Timothy A. Mietzner, Barbara (2013). Jawetz, Melnick, & Adelberg's Medical Microbiology Twenty-Sixth Edition. 6. Kwon-Chung K.J. and Bennett J. E. (1992). Medical Mycology . Lea and Febiger.		
Student's obligation (Special Requirements):	Exam policy: Student should get at least 2 exam during the course (semester). There will be no make-up exams for absence students without medical report. Classroom polices: 1- Attendance: You are strongly encouraged to attend class on a regular basis, as participation is important to your understanding of the material. This is your opportunity to ask questions. Students are responsible for obtaining any information they miss due to absence. 2- Lateness: Lateness to class is disruptive 3- Electronic devices: All cell phones are to be turned off at the beginning of class and put away during the entire class. 4-Talking: During class please refrain from side conversations. These can be disruptive to other students and the professor, and not Disrespectful to both the professor and to other students		
Course Book/Textbook:	1. Kauffman C.A., Pappas P. G. Sobel J. D. and Dismukes W. E. (2011). Essentials of Clinical Mycology, 2nd ed., Springer New York 2. Reiss, E., Shadomy H. J. and Lyon G. M. (2012). Fundamental Medical Mycology. Wiley-Blackwell. 3. Karen C. Carroll, Jeffery A. Hobden, Steve Miller, Stephen A. Morse, Timothy A. Mietzner, Barbara (2013). Jawetz, Melnick, & Adelberg's Medical Microbiology		
Other Course Materials/References:	4-Dismukes W. E., Pappas P. G. and Sobel J. D. and (2003). Clinical Mycology, 2nd ed., Springer New York 5- Alexopoulou, C.J., Mims, C.W. and Blackwell. (1996). Introductory mycology		
Teaching Methods (Forms of Teaching):	Lectures, Presentation, Seminar, Assignments, , ,		
COURSE EVALUATION CRITERIA			
Method		Quantity	Percentage (%)
Seminar		1	10
Attendance		1	5
Participation		1	8

Quiz	1	4
Laboratory	1	9
Laboratory	1	9
Lab/Practical Exam(s)	1	15
Final Exam	1	40
Total		100

Examinations: True-False, Fill in the Blanks, Short Answers, , ,

Extra Notes:

ECTS (ALLOCATED BASED ON STUDENT) WORKLOAD

Activities	Quantity	Workload Hours for 1 quantity*	Total Workload
Theoretical Hours	16	2	32
Practical Hours	16	4	32
Final Exam	1	40	40
Seminar	1	5	5
Attendance	1	1	1
Participation	1	4	4
Quiz	1		0
Laboratory	1		0
Laboratory	1		0
Lab/Practical Exam(s)	1		0
Total Workload			114
ECTS Credit (Total workload/25)			4.56

Peer review

Signature:
Name:
Lecturer

Signature:
Name:
Head of Department

Signature:
Name:
Dean