

## (Mycology)

### 2022-2023

College	Health& Medical Technical College- Erbil	
Department	Medical Laboratory Techniques	
Module Name	Mycology	
Module Code	MYC605	
Semester	6	
Credit	5	
Module type	Basic	
Weekly hours		
Weekly hours (Theory)	2h.	(5) hr Workload
Weekly hours (Practical)	2h	(4) hr Workload
Lecturer (Theory)	Dr. Sheylan Salah Abdullah	
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Lecturer (Practical)	Lecturer Chiman Hameed Saeed	
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# Course Book

Laboratory Experiments (Practical)	Week	
Laboratory Orientation and Safety & Overview of diagnostic mycology laboratory	1	
Clinical Specimens: Collection, Transport, processing & preservation of Specimens.	2	
Culture techniques: Introduction to media, preparation and cultivation & Maintenance of stock cultures	3	
Techniques used for Isolation and Identification of medically important fungi & common laboratory contaminants	4	
Different forms of fungi: Cultural & Morphological characters, Direct Microscopic exams of fungal cultures and making mounts	5	
Microscopy techniques and stain	6	
Special confirmatory test	7	
Superficial mycoses and Skin fungi: Dermatophytes I, Skin and nail fungi: Dermatophytes II	8-9	
Ascomycetes and hair baiting lab	10	
<b><u>Midterm Exam</u></b>	<b><u>11</u></b>	
Common opportunistic fungal infection diagnosis	12-13	
Antifungal susceptibility testing	14	
Serological & Molecular techniques	15	
<b>Final Examination</b>		