

Republic of Yemen

Ministry of Higher Education & Scientific Research

21 SEPTEMBER UNIVERSITY for MEDICALS &

APPLIEED SCIENCES



Faculty of Medical Administration

**Department of Medical Services Administration/College
Requirement
Course Specification of**

Concepts of clinical diseases (مفاهيم الأمراض السريرية)

Course No. (01.01.510)

1444 هـ

2022/2023 م

Course Identification and General Information:

1	Course Title:	Concepts of clinical diseases (مفاهيم الأمراض (السريرية)			
2	Course Code & Number:	01.01.510			
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		2	2	--	
4	Study Level/ Semester at which this Course is offered:	Level 4 / 2d Semester			
5	Pre –Requisite (if any):	Non			
6	Co –Requisite (if any):	Non			
7	Program (s) in which the Course is Offered:	Bachelor of Science in Medical Administration			
8	Language of Teaching the Course:	English			
9	Study System:	Regular (semester)			
10	Mode of Delivery:	Full Time			
11	Location of Teaching the Course:	University Campus			
12	Prepared by:	Prof .Dr. Mutaia A. Abuarij			
13	Date of Approval:				

II. Course Description:

This course aimed to enable student to understand the essentials information about main diseases, predisposing factors and their complications. It also enable student to know the general ways of management for patients inside the hospitals and the role of every member of health team. There will be field visits to the hospitals after each lecture of the course.

Prepared by:	Reviewed by:	Head of the Department:	Vice Dean for Quality affairs	Dean of College:
Prof .Dr. Mutaia A. Abuarij	Asst.prof.	Asst.prof.	Asst.prof Mohammed Al-Shamahi	Asst.prof. Jamil Ahsan Mujalli

Course Intended Learning Outcomes (CILOs) : (مخرجات تعلم المقرر)		Referenced PILOs (مخرجات تعلم البرنامج)
A. Knowledge and Understanding: Upon successful completion of the course, students will be able to:		
a1	Know deferent branches and specialties of medicine.	A1, A2
a2	Define main diseases in each specialty.	
a3	Know general plan of management and complications for each disease.	
a4	Give knowledge about deferent radiological machines and surgical instruments.	
B. Intellectual Skills: Upon successful completion of the course, students will be able to:		
b1	Decide the types of admission, days of admission, and discharge plan. (Turnover of bed).	B1, B2
b2	Asses patient condition needs with medical service in health care unit.	
C. Professional and Practical Skills: Upon successful completion of the course, students will be able to:		
c1	Determine types of laboratory and radiological investigations used in diagnosis of these diseases.	C1 C2
c2	Identify emergency and resuscitation policies, and legal issues.	
D. Transferable Skills: Upon successful completion of the course, students will be able to:		
d1	Manage and work with group of people in a work environment	D1, D2, D3, D4
d2	Behave ethically in the pharmaceutical service management.	
d3	Communicate effectively with his colleagues, top management and subordinates.	
d4	Have the required skills to use the information technology for continuous self-learning.	

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III. Intended learning outcomes (ILOs) of the course:

At the end of the course, the student will be able to:

(A) Alignment Course Intended Learning Outcomes of Knowledge and Understanding to Teaching Strategies and Assessment Strategies:

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
a1- Know deferent branches and specialties of medicine.	Lecture , Seminars and Small group discussion	Homework/Tasks ,Quiz 1 , Midterm and final exam
a2- Define main diseases in each specialty.	Lecture , Seminars and Small group discussion	Homework/Tasks ,Quiz 1 , Midterm and final exam
a3- Know general plan of management and complications for each disease.	Lecture , Seminars and Small group discussion	Homework/Tasks ,Quiz 1 , Midterm and final exam
a4- Give knowledge about deferent radiological machines and surgical instruments.	Lecture , Seminars and Small group discussion	Homework/Tasks ,Quiz 1 , Midterm and final exam

(B) Alignment Course Intended Learning Outcomes of Intellectual Skills to Teaching Strategies and Assessment Strategies:

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
b1- Decide the types of admission, days of admission, and discharge plan. (Turnover of bed).	Seminars and Small group discussion	Homework/Tasks , Seminars
b2- Asses patient condition needs with medical service in health care unit.	Seminars and Small group discussion	Homework/Tasks , Seminars

©Alignment Course Intended Learning Outcomes of Professional and Practical Skills to Teaching Strategies and Assessment Strategies:

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
c1- Determine types of laboratory and radiological investigations used in diagnosis of these diseases.	Group discussion	Seminars Group research

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c2- Identify emergency and resuscitation policies, and legal issues.	Group discussion	Seminars Group research
(D) Alignment Course Intended Learning Outcomes of Transferable Skills to Teaching Strategies and Assessment Strategies:		
Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
d1- Manage and work with group of people in a work environment	Group discussion, PPL Training	Seminars, Group research
d2- Behave ethically in the pharmaceutical service management.	Group discussion Role play PPL Training	Seminars
d3- Communicate effectively with his colleagues, top management and subordinates.	Group discussion Role play PPL Training	Seminars
d4- Have the required skills to use the information technology for continuous self-learning.	Homework PPL Training	Seminars Group research

IV. Course Content:

- Theoretical and Training aspect:

Order	Units/Topics List	Sub Topics List	Number of Weeks	Contact hours	Learning Outcomes
1	Internal medicine	<ul style="list-style-type: none"> Cardiovascular diseases. Respiratory diseases. Endocrine diseases. Blood diseases. 	2	4	a1,a2,a3 b1,b2 c1
2	General surgery	<ul style="list-style-type: none"> Surgical instruments and surgical infections. Abdominal surgery. Cardiac and thoracic surgery. Post-operative 	2	4	a1,a2,a3,a4 b1,b2 c1

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		care.			
3	Neurosurgery	<ul style="list-style-type: none"> Brain and spinal cord diseases (hemorrhage, tumors...). Neurosurgical operations. 	1	2	a1,a2,a3,a4 b1,b2 c1
4	Emergency medicine	<ul style="list-style-type: none"> Resuscitation and emergency (drugs, policies). Common emergency diseases. 	1	2	a1,a2,a3,a4 b1,b2 c1,c2
5	ENT medicine	<ul style="list-style-type: none"> ENT diseases. ENT surgery. 	1	2	a1,a2,a3 b1,b2 c1
6	Pediatric medicine	<ul style="list-style-type: none"> Congenital anomalies. Neonatal diseases. Incubators and preterm care. Pediatrics diseases. 	1	2	a1,a2,a3 b1,b2 c1
7	Midterm Exam		1	2	
8	Gynecology and Obstetrics	<ul style="list-style-type: none"> Gynecological disorders. Obstetric care. Gynecological and obstetric procedures and operations. 	2	4	a1,a2,a3 b1,b2 c1

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9	Orthopedic medicine	<ul style="list-style-type: none"> Types of fractures and dislocations. Bone and joints disorders. Orthopedic surgery and instruments. 	1	2	a1,a2,a3 b1,b2 c1
10	Ophthalmology	<ul style="list-style-type: none"> Common ophthalmic diseases and surgery. 	1	2	a1,a2,a3 b1,b2 c1
11	Radiology	<ul style="list-style-type: none"> X-ray machine functions and types. Ultrasound functions and requests. CT scan and MRI (mechanism of working and requests). 	2	4	a1,a2,a3,a4 b1,b2 c1
12	Final Exam		1	2	
Number of Weeks /and Units Per Semester :			16 weeks	32 contact hours	

V. Teaching strategies of the course:

Lecture
Seminars
Small group discussion
Role play
Group research

- Points that need to explain in medical diseases:

- Name of disease.
- How to diagnose such disease.
- Is the patient need admission or not, and how many days in average.
- Headlines of management plan.
- Discharge plan.

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- Complications.

- Field visits to hospital after each lecture to deferent departments (outpatient clinic, medical departments, operation room, emergency room...), with groups' discussion after the visit.

VI. Assignments:

No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
2	Homework	A1,a2,a3,a4 b1, b2	1-7	2
1	Seminars	a1,a2, a3, a4 c1,c2 d1, d2, d3, d4	7-14	5
3	Group researches	a1,a2, a3, a4 c1,c2 d1, d2, d3, d4	7-14	3

VII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Seminars	1-14	5	5%	a1,a2, a3, a4 b1, b2 c1, c2 d1, d2, d3, d4
2	Homework / Group researches	3	5	5%	a1,a2, a3 b1,b2
3	Midterm Exam	7	20	20%	a1, a2,a3 b1,b2 c1, c2
5	Final Exam	15-16	70	70%	a1,a2,a3, a4 b1,b2 c1, c2
	Total		100	100%	

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VIII. Learning Resources:

1- Required Textbook(s) (maximum two).	
	- Concepts of clinical diseases for medical administration students (under publication)
2- Essential References.	
3- Electronic Materials and Web Sites etc.	

X. Course Policies: (Based on the Uniform Students' By law (2007) تترك كما هي)

1	Class Attendance: Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.
2	Tardiness: A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	Exam Attendance/Punctuality: No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
4	Assignments & Projects: Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	Cheating: Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.

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Second Part of Course Specification

Faculty of Medical Administration

Department of Medical Services Administration

Course Plan (Syllabus) of Concepts of clinical diseases (مفاهيم الأمراض السريرية)

Course No. (01.01.510)

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member:	Asst. Prof.						
Location & Telephone No.:							
E-mail:		SAT	SUN	MON	TUE	WED	THU
Office Hours							
Course Identification and General Information:							
1	Course Title:	Concepts of clinical diseases (مفاهيم الأمراض السريرية)					
2	Course Code & Number:	01.01.510					
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours		
		2	Lecture	Exercise			
4	Study Level/ Semester at which this Course is offered:	Level 4 / 2d Semester					
5	Pre –Requisite (if any):	Non					
6	Co –Requisite (if any):	Non					
7	Program (s) in which the Course is Offered:	Bachelor of Science in Medical Administration					
8	Language of Teaching the Course:	English					
9	Study System:	Regular (semester)					

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10	Mode of Delivery:	Full Time
11	Location of Teaching the Course:	University Campus

II. Course Description:

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Course Intended Learning Outcomes (CILOs) : (مخرجات تعلم المقرر)

B. Knowledge and Understanding: Upon successful completion of the course, students will be able to:

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| a1 | Know deferent branches and specialties of medicine. |
| a2 | Define main diseases in each specialty. |
| a3 | Know general plan of management and complications for each disease. |
| a4 | Give knowledge about deferent radiological machines and surgical instruments. |

B. Intellectual Skills: Upon successful completion of the course, students will be able to:

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| b1 | Decide the types of admission, days of admission, and discharge plan. (Turnover of bed). |
| b2 | Asses patient condition needs with medical service in health care unit. |

C. Professional and Practical Skills: Upon successful completion of the course, students will be able to:

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| c1 | Determine types of laboratory and radiological investigations used in diagnosis of these diseases. |
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D. Transferable Skills: Upon successful completion of the course, students will be able to:

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| d1 | Manage and work with group of people in a work environment |
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d3	Communicate effectively with his colleagues, top management and subordinates.
d4	Have the required skills to use the information technology for continuous self-learning.

IV. Course Content:

- Theoretical and Training aspect:

Order	Units/Topics List	Sub Topics List	Number of Weeks	Contact hours	Learning Outcomes
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3	Neurosurgery	<ul style="list-style-type: none"> Brain and spinal cord diseases (hemorrhage, tumors...). Neurosurgical operations. 	1	2	a1,a2,a3,a4 b1,b2 c1
4	Emergency medicine	<ul style="list-style-type: none"> Resuscitation and emergency (drugs, policies). Common 	1	2	a1,a2,a3,a4 b1,b2

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		emergency diseases.			c1,c2
5	ENT medicine	<ul style="list-style-type: none"> ENT diseases. ENT surgery. 	1	2	a1,a2,a3 b1,b2 c1
6	Pediatric medicine	<ul style="list-style-type: none"> Congenital anomalies. Neonatal diseases. Incubators and preterm care. Pediatrics diseases. 	1	2	a1,a2,a3 b1,b2 c1
7	Midterm Exam		1	2	
8	Gynecology and Obstetrics	<ul style="list-style-type: none"> Gynecological disorders. Obstetric care. Gynecological and obstetric procedures and operations. 	2	4	a1,a2,a3 b1,b2 c1
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11	Radiology	<ul style="list-style-type: none"> X-ray machine functions and types. Ultrasound functions and requests. CT scan and MRI (mechanism of working and requests). 	2	4	a1,a2,a3,a4 b1,b2 c1
12	Final Exam		1	2	
Number of Weeks /and Units Per Semester :				16 weeks	32 contact hours

V. Teaching strategies of the course:

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- Points that need to explain in medical diseases:

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1	Seminars	a1,a2, a3, a4 c1,c2 d1, d2, d3, d4	7-14	5
3	Group researches	a1,a2, a3, a4 c1,c2 d1, d2, d3, d4	7-14	3

VII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Seminars	1-14	5	5%	a1,a2, a3, a4 b1, b2 c1, c2 d1, d2, d3, d4
2	Homework / Group researches	3	5	5%	a1,a2, a3 b1,b2
3	Midterm Exam	7	20	20%	a1, a2,a3 b1,b2 c1, c2
5	Final Exam	15-16	70	70%	a1,a2,a3, a4 b1,b2 c1, c2
	Total		100	100%	

VIII. Learning Resources:

1- Required Textbook(s) (maximum two).	
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2- Essential References.	
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X. Course Policies: (Based on the Uniform Students' By law (2007) تترك كما هي)

1	Class Attendance:
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