

Republic of Yemen
Ministry of Higher Education & Scientific Research
21 September University for Medicals and Applied Sciences



Faculty of Clinical Pharmacy

Bachelor of Clinical Pharmacy

Course Specification of Pharmacy Practice (2)

Course No. (02.01.224)

2020/2021



This template of course specifications was prepared by CAQA, Yemen, 2017.

Prepared by:

Dr. Abdelmalek abudunya

Reviewed by:

Dr. Ali Alyahawi

**Head of the
Department:**

Dr. -----

Vice Dean for Quality affairs

Dr. Abdulelah Thabet

Dean of College:

Dr. Ali Alyahawi

I. Course Identification and General Information:

1	Course Title:	Pharmacy Practice (2)			
2	Course Code & Number:	02.01.224			
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Seminar	
		2	-	-	--
4	Study Level/ Semester at which this Course is offered:	5 th Level / 2 nd Semester			
5	Pre –Requisite (if any):	Pharmacology III			
6	Co –Requisite (if any):	None			
7	Program (s) in which the Course is Offered:	Bachelor of Pharm D			
12	Prepared by:	Dr. Abdulmalik Abudonia			
13	Date of Approval:				

II. Course Description:

The pharmacy practice-II course designed to develop the professional student's skills of patient-focused care that use the principles of theoretical and clinical courses to improve patient counseling, communication skills, patient adherence, documenting pharmaceutical care, and developing pharmaceutical care of selected cases discussion.

الصفحة 2 |

Prepared by:

Dr. Abdelmalek abudunya

Reviewed by:

Dr. Ali Alayahawi

Head of the
Department:

Dr.

Vice Dean for Quality affairs

Dr. Abdullelah Thabet

Dean of College:

Dr. Ali Alayahawi

III. Course Intended Learning Outcomes (CILOs) : Upon successful completion of the course, students will be able to:		Referenced PILOs Learning out of program
A. Knowledge and Understanding:		
a1	Identify the professional skills principles of pharmaceutical care practice for different patient's conditions.	A6, A7
a2	Define the role of clinical pharmacist in patient care as active member of the healthcare professionals.	A3, A4, A5
B. Intellectual Skills:		
b1	Compare and classify drug therapy problems according to their appropriate interventions.	B5
b2	Construct the pharmaceutical care plan for drug related problems of different patient conditions.	B6
C. Professional and Practical Skills:		
c1	Select and implement the rational pharmacotherapy regimen and monitoring parameters for different patient's conditions.	C3, C4
D. Transferable Skills:		
d1	Communicate effectively with patients and other healthcare professionals.	D1
d2	Search properly for medical information from professional medical sites and references	D2, D3

(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-Define the concepts of communications skills and counselling points of different pharmacotherapy regimens.	- Interactive class discussion - Assignment - Office hours - Role plays - Watching videos - Case Presentation - Seminar	- Exam - Assignment - Oral presentation
a2- Describe the role of clinical pharmacist in patient care as active member of the healthcare	- Interactive class discussion	- Exam - Assignment

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Prepared by:

Reviewed by:

Head of the
Department:

Vice Dean for Quality affairs
Dr. Abdullelah Thabet

Dean of College:
Dr. Ali Alyahawi

Dr. Abdelmalek abudunya

Dr. Ali Alyahawi

Dr.

professionals.	- Assignment - Office hours - Role plays - Case Presentation - Seminar	- Oral presentation
a3- Define pharmaceutical care plan of different patients conditions.	- Interactive class discussion - Assignment - Office hours - Role plays - Case Presentation - Seminar	- Exam - Assignment - Oral presentation

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

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
b1- Compare and classify drug therapy problems according to their appropriate interventions.	- Interactive class discussion - Assignment - Office hours - Role plays - Watching videos - Case Presentation - Seminar	- Exam - Assignment - Oral presentation
b2- Construct the pharmaceutical care plan for drug related problems of different patient conditions.	- Interactive class discussion - Assignment - Office hours - Role plays - Case Presentation - Seminar	- Exam - Assignment - Oral presentation

(c) Alignment Course Intended Learning Outcomes of Professional and Practical Skills to Teaching Strategies and Assessment Strategies:

الصفحة 4

Prepared by:

Reviewed by:

Head of the
Department:

Vice Dean for Quality affairs
Dr. Abdullelah Thabet

Dean of College:
Dr. Ali Alayahawi

Dr. Abdelmalek abudunya

Dr. Ali Alayahawi

Dr.

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
C1- Select and implement the rational pharmacotherapy regimen and monitoring parameters for different patients conditions.	- Lectures - Assignment - Office hours - Case Presentation - Seminar	- Exam - Assignment - Oral presentation

(d) Alignment Course Intended Learning Outcomes of Transferable Skills to Teaching Strategies and Assessment Strategies:

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
d1-Communicate effectively with patients and other healthcare professionals.	- Role plays - Case Presentation - Seminar	- Oral presentation
d2- Search properly for medical information from professional medical sites and references	- Lectures - Assignment - Office hours - Case Presentation - Seminar	- Exam - Assignment - Oral presentation

IV. Course Content:

A – Theoretical Aspect:

Order	Units/Topics List	Learning Outcomes	Sub Topics List	Number of Weeks	contact hours
1	Principles of Communication Skills	a 1, b2, d1	- The basics of patient communication - Product-specific counselling points	2	4
2	Standards and Principles for Documenting Pharmaceutical Care	b 2	- The standards for documentation - Skills required for documenting pharmaceutical care	2	4
3	Adherence and compliance	a 1, a2, b2, d1	- Defining Adherence - The Patient's Medication		

الصفحة 5

Prepared by:

Dr. Abdelmalek abudunya

Reviewed by:

Dr. Ali Alyahawi

Head of the Department:

Dr.

Vice Dean for Quality affairs
Dr. Abdullelah Thabet

Dean of College:
Dr. Ali Alyahawi



			Experience - Adherence as a Test of Patient-Centeredness - The common causes of medication non-adherence - Medication Management as a Solution to Non-adherence	2	4
4	Medication errors	a 1, a2, b2, d1	- Types, Prevention, & Management	1	2
5	Midterm Exam	a 1, a2, a3, b1, b2, c1, d2		1	2
6	Pharmaceutical Care Practice for Patients with CVD (Cases Presentation)	a 1, a2, a3, b1, b2, c1, d1, d2	- HTN & HF	1	2
			- IHD	1	2
			- DVT	1	2
7	Pharmaceutical Care Practice for Patients with Endocrine Problems (Cases Presentation)	a 1, a2, a3, b1, b2, c1, d1, d2	- DM type 1 & 2	1	2
			- Thyroid disorders	1	2
8	Pharmaceutical Care Practice for Patients with Selected diseases (Cases Presentation)	a 1, a2, a3, b1, b2, c1, d1, d2	- Peptic Ulcers	1	2
			- Asthma & COPD	1	2
9	Final Exam	a 1, a2, a3, b1, b2, c1, d2		1	2
Number of Weeks /and Units Per Semester				16	32

B. Case Studies and Practical Aspect:

No.	Tasks/ Experiments	Week Due	Contact Hours	Learning Outcomes (CILOs)
1	NA			

الصفحة 6

Prepared by:

Dr. Abdelmalek abudunya

Reviewed by:

Dr. Ali Alayahawi

Head of the Department:

Dr.

Vice Dean for Quality affairs

Dr. Abdullelah Thabet

Dean of College:

Dr. Ali Alayahawi

No.	Tasks/ Experiments	Week Due	Contact Hours	Learning Outcomes (CILOs)
2				
Number of Weeks /and Units Per Semester				

V. Teaching Strategies of the Course:

- Interactive class discussion
- Assignment
- Office hours
- Role plays
- Watching videos
- Case Presentation
- Seminar

VI. Assessment Methods of the Course:

- Assignments
- Quiz
- Exam

VII. Assignments:

No	Assignments	Aligned CILOs(symbols)	Week Due	Mark
1	Assignment 1: Describe Examples of DRPs	a1	Week 3	2.5
2	Assignment 2: Describe Examples of pharmaceutical care plan for different patients conditions	a2, b2	Week 12	2.5
Total				5

الصفحة 7

Prepared by:

Dr. Abdelmalek abudunya

Reviewed by:

Dr. Ali Alayahawi

Head of the Department:

Dr.

Vice Dean for Quality affairs

Dr. Abdullelah Thabet

Dean of College:

Dr. Ali Alayahawi

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

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Assignments	Week 6, 12	10	10 %	b2, d2
2	Case Presentation	Week 2-14	10	10 %	a1, a2, a3, b1, b2, c1, d1, d2
3	Midterm Exam	Week 8	20	20 %	a 1, a2, a3, b1, b2, c1, d2
4	Final Exam	Week 16	60	60 %	a 1, a2, a3, b1, b2, c1, d2
Total			100	100%	

IX. Learning Resources:

1- Required Textbook(s) (maximum two).

1. Langely CA, Belcher D. Applied Pharmaceutical Practice. 1st ed. 2008. Pharmaceutical Press. London. 2009. ISBN 978 0 85369 746 6
2. David M. Angaran, Karen Whalen, 2015. Medication Therapy Management: A Comprehensive Approach., 2nd edition, ISBN: 978-0-07-184869-5
3. Cate Whittlesea & Karen Hodson, 2018, Clinical Pharmacy and Therapeutics, 6th Edition

2- Essential References.

1. Cipolle, RJ, Strand, LM, & Morley, PC, 2012. Pharmaceutical Care Practice: The Patient-Centered Approach to Medication Management Services (3rd edition). ISBN-13: 0071756389
2. Robert S. Beardsley, Carole L. Kimberlin, William N. Tindall. 2011. Communication Skills in Pharmacy Practice: A Practical Guide for Students and Practitioners.. ISBN-13: 978-1608316

3- Electronic Materials and Web Sites etc.

- www.medlineplus.com (for patient counseling).
- www.guidelines.gov (International guidelines)
- www.drugs.com (for drug-drug interactions)
- www.pubmed.com (Clinical trials).

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

1 Class Attendance:

الصفحة 8

Prepared by:

Dr. Abdelmalek abudunya

Reviewed by:

Dr. Ali Alayahawi

Head of the Department:

Dr.

Vice Dean for Quality affairs

Dr. Abdullelah Thabet

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Dr. Ali Alayahawi

	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.

Faculty of Clinical Pharmacy

Bachelor of Clinical Pharmacy

Course Specification of Pharmacy Practice (2)

Course No. (02.01.224)

2020/2021

I. Information about Faculty Member Responsible for the Course:						
Name of Faculty Member:	Dr. Abdulmalik Abudonia			Office Hours		
Location & Telephone No.:						
E-mail:				SAT	SUN	MON TUE WED THU

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Prepared by:

Dr. Abdelmalek abudunya

Reviewed by:

Dr. Ali Alyahawi

Head of the
Department:

Dr.

Vice Dean for Quality affairs

Dr. Abdullelah Thabet

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II. Course Identification and General Information:

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			Lecture	Seminar	
		2	-	-	--
4	Study Level/ Semester at which this Course is offered:	5th Level / 2nd Semester			
5	Pre –Requisite (if any):	Pharmacology III			
6	Co –Requisite (if any):	None			
7	Program (s) in which the Course is Offered:	Bachelor of Pharm D			
12	Prepared by:	Dr. Abdulmalik Abudonia			
13	Date of Approval:				

III. Course Description:

The pharmacy practice-II course designed to develop the professional student's skills of patient-focused care that use the principles of theoretical and clinical courses to improve patient counseling, communication skills, patient adherence, documenting pharmaceutical care, and developing pharmaceutical care of selected cases discussion.

الصفحة 11 |

Prepared by:

Dr. Abdelmalek abudunya

Reviewed by:

Dr. Ali Alayahawi

Head of the Department:

Dr.

Vice Dean for Quality affairs

Dr. Abdullelah Thabet

Dean of College:

Dr. Ali Alayahawi

IV. Course Intended Learning Outcomes (CILOs) :

Upon successful completion of the Course, student will be able to:

A. Knowledge and Understanding:

a1	Identify the professional skills principles of pharmaceutical care practice for different patient's conditions.	A6, A7
a2	Define the role of clinical pharmacist in patient care as active member of the healthcare professionals.	A3, A4, A5

B. Intellectual Skills:

b1	Compare and classify drug therapy problems according to their appropriate interventions.	B5
b2	Construct the pharmaceutical care plan for drug related problems of different patient conditions.	B6

C. Professional and Practical Skills:

c1	Select and implement the rational pharmacotherapy regimen and monitoring parameters for different patient's conditions.	C3, C4
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D. Transferable Skills:

d1	Communicate effectively with patients and other healthcare professionals.	D1
d2	Search properly for medical information from professional medical sites and references	D2, D3

V. Course Contents:

A. Theoretical Aspect:

Order	Units/Topics List	Sub Topics List	Number of Weeks	contact hours
1	Principles of Communication Skills	- The basics of patient communication - Product-specific counselling points	2	4
2	Standards & Principles for Documenting Pharmaceutical Care	- The standards for documentation - Skills required for documenting pharmaceutical care	2	4
3	Adherence and compliance	- Defining Adherence - The Patient's Medication Experience		

12 الصفحة |

Prepared by:

Dr. Abdelmalek abudunya

Reviewed by:

Dr. Ali Alyahawi

Head of the Department:

Dr.

Vice Dean for Quality affairs

Dr. Abdullelah Thabet

Dean of College:

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		- Adherence as a Test of Patient-Centeredness - The common causes of medication non-adherence - Medication Management as a Solution to Non-adherence	2	4
4	Medication errors	- Types, Prevention, & Management	1	2
5	Midterm Exam		1	2
6	Pharmaceutical Care Practice for Patients with CVD (Cases Presentation)	- HTN & HF	1	2
		- IHD	1	2
		- DVT	1	2
7	Pharmaceutical and health care needs of people with Endocrine Problems (Cases Presentation)	- DM type 1 & 2	1	2
		- Thyroid disorders	1	2
8	Pharmaceutical and health care needs of people with selected infectious diseases (Cases Presentation)	- Peptic Ulcers	1	2
		- Asthma & COPD	1	2
9	Final Exam		1	2
Number of Weeks /and Units Per Semester			16	32

VI. Teaching Strategies of the Course:

- Interactive class discussion
- Assignment
- Office hours
- Role plays
- Watching videos
- Case Presentation
- Seminar

VII. Assessment Methods of the Course:

الصفحة 13 |

Prepared by:

Dr. Abdelmalek abudunya

Reviewed by:

Dr. Ali Alyahawi

Head of the Department:

Dr.

Vice Dean for Quality affairs

Dr. Abdullelah Thabet

Dean of College:

Dr. Ali Alyahawi

- Assignments
- Quiz
- Exam

VIII. Assignments:

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

X. Learning Resources:

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XI. Course Policies: (Based on the Uniform Students' Bylaw (2007))

Class Attendance:

- 1 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.

14 الصفحة |

Prepared by:

Dr. Abdelmalek abudunya

Reviewed by:

Dr. Ali Alayahawi

Head of the
Department:

Dr.

Vice Dean for Quality affairs

Dr. Abdullelah Thabet

Dean of College:

Dr. Ali Alayahawi

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