هيئة تقويم التعليم
Education Evaluation Commission
المركز الوطني للتقويم والاعتماد الأكاديمي
National Center for Academic Accreditation and Evaluation

ATTACHMENT 5.

T6. COURSE SPECIFICATIONS (CS)

Course title: **Pharmacology**

Course Code: **(SDS-264)**
Level: 5
1439-2018

هيئة تقويم التعليم
Education Evaluation Commission

Course Specifications

Institution: **Najran University**	Date: **4/5/1439**
College/Department : **Faculty of Dentistry \ Pharmacology department**	

Course Identification and General Information

1. Course title and code: **Pharmacology**			
2. Credit hours: **3 (2 +1)**			
3. Program(s) in which the course is offered. **Bachelor Of Dental Surgery (BDS)** (If general elective available in many programs indicate this rather than list programs)			
4. Name of faculty member responsible for the course **Mr. Shafiuddin Habeeb Mohammed**			
5. Level/year at which this course is offered: **5th level/ 3rd year.**			
6. Pre-requisites for this course (if any): **None**			
7. Co-requisites for this course (if any): **None**			
8. Location if not on main campus:			
9. Mode of Instruction (mark all that apply):			
a. traditional classroom	√	What percentage?	100
b. blended (traditional and online)		What percentage?	
c. e-learning		What percentage?	
d. correspondence		What percentage?	
f. other		What percentage?	
Comments:			

Objectives

1. What is the main purpose for this course?

At the end of this course; the students will be able to:

1. Discuss the general principle of pharmacokinetics and fate of drug in the body.
2. Discuss the general principle of pharmacodynamic and drug mechanism of action.
3. Discuss the classification of drug groups and their beneficial versus toxic.
4. Discuss the effect, mechanism of action, uses, interaction, adverse effects and precaution of the drugs included in autonomic nervous system, Cardiovascular system and drug acting on blood.
5. Apply the relevant knowledge to health care professionals and patient; concerning awareness on rational use of drugs and social health hazards.

1. Topics to be Covered

List of Topics	No. of Weeks	Contact hours
Introduction to Pharmacology and Parmacokinetics	2	4
Pharmacodynamics	1.5	3
Introduction to ANS	0.5	0.5
Cholinergic drugs	1	2
Adrenergic drugs	1	2
Antihypertensive drugs	1.5	3
General anesthetics	1	2
Local anesthetics	0.5	1
Sedative anxiolytics	0.5	0.5
Non-steroidal anti-inflammatory drugs	1	2
Opioid analgesics	0.5	1
Introduction to chemotherapy and fluroquinolones	1.5	3
Beta-lactam antibiotics (Penicillins and cephalosporin)	1	2
Antifungal agents	1	2
Anticoagulants Antithrombotic,	1	2
Total	**15**	**30**

2. Course components (total contact hours and credits per semester):

	Lecture	Tutorial	Laboratory/ Studio	Practical	Other:	Total

Contact Hours	Planed	30	-	-	30	-	60
	Actual	30	-	-	30	-	60
Credit	Planed	2			1		3
	Actual	2			1		3

Name of Course Instructor: **Mr. Shafiuddin Habeeb Mohammed**

Signature: *Shabeeb* Date Specification Completed: **4/5/1439**

Program Coordinator: Dr: Saeed Ali Alsareii
Signature: _____ Date Received: 10/5/1439H