Course Description Form

1. Course Name:

Clinical pharmacy-II (Theoretical+ Practical)

2. Course Code:

Phclph25_427

3. Semester / Year:

2nd semester/2026-2025

4. Description Preparation Date:

1/9/2025

5. Available Attendance Forms:

Students' signature on attendance sheet

6. Number of Credit Hours (Total) / Number of Units (Total)

2 hours Theoretical + 2 hours Practical (60) /3 units

7. Course administrator's name (mention all, if more than one name)

Theoretical

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Practical

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8. Course Objectives

Enable the student to deal with the patient inside the hosp and give instructions about management	The course includes the basics of clinical ca of chronic diseases, how to diagnose them, give instructions about pharmacology ,n pharmacological management

9. Teaching and Learning Strategies

Strategy	Lecturing Homework Quiz, OSCE Practical laboratory demonstrations, explaining clinical cases, prescribing drugs.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation

					metho d
1	2+2	B1: Analyzes pharmacotherapy options for hypertension and links drug selection to patient comorbidities, blood pressure targets, and monitoring parameters.	hypertension	Theoretical lectures.	Paper-based exams
2	2+2	A1: Explains the principles of pharmacotherapy for ischemic heart disease, including secondary prevention goals and follow-up.	Ischemic heart dideas	Theoretical lectures. Laboratory clinical cases	Paper-based exams
3	2+2	B3: Evaluates the appropriateness, effectiveness, and safety of heart failure pharmacotherapy based on clinical status and key monitoring indicators.	Heart failure	Theoretical lectures. Laboratory clinical cases	Paper-based exams
4	2+2	A2: Identifies pharmacologic options for asthma, including stepwise therapy, indications, and key safety warnings.	asthma	Theoretical lectures. Laboratory clinical cases	Paper-based exams
5	2+2	A3: Describes pharmacologic management of meningitis, including empiric regimen selection, supportive measures, and safety monitoring.	meningitis	Theoretical lectures. Laboratory . clinical cases	Paper-based exams
6	2+2	B2: Compares pharmacologic options for chronic obstructive pulmonary disease (COPD) based on symptom control, exacerbation prevention, adverse effects, and follow-up planning.	Chronic obstructive pulmonary disease	Theoretical lectures. Laboratory clinical cases	Paper-based exams
7	2+2	A2: Identifies pharmacologic options for urinary tract infection, including indications, resistance considerations, and key safety warnings.	Urinary tract infection	Theoretical lectures. Laboratory clinical cases.	Paper-based exams

8	2+2	B3: Evaluates pharmacotherapy strategies for rheumatoid arthritis in terms of efficacy, toxicity, drug interactions, and monitoring requirements.	Rheumatoid arthritis	Theoretical lectures. Laboratory clinical cases	Paper-based exams
9	2+2	A3: Describes pharmacotherapy strategies for osteoarthritis, including analgesic selection, contraindications, and safety follow-up.	osteoarthritis	Theoretical lectures. Laboratory clinical cases	Paper-based exams
10	2+2	B1: Analyzes pharmacologic management of gout (acute and chronic) and links treatment choices to disease mechanisms and patient safety considerations.	gout	Theoretical lectures. Laboratory clinical cases	Paper-based exams
11	2+2	A1: Explains pharmacologic principles for managing anemia, including therapeutic goals and monitoring of treatment response and safety.	Anaemia	Theoretical lectures. Laboratory clinical cases	Paper-based exams
12	2+2	B2: Compares pharmacologic options for diabetes mellitus based on efficacy, hypoglycemia risk, comorbidities, drug interactions, and monitoring needs.	Diabetes melitus	Theoretical lectures. Laboratory clinical cases	Paper-based exams
13	2+2	C1: Applies principles of antimicrobial selection and dose adjustment for urinary tract infection based on patient-specific factors and available culture/susceptibility data.	Urinary tract infection	Theoretical lectures. Laboratory clinical cases.	Paper-based exams
14	2+2	C1: Applies principles of tuberculosis pharmacotherapy, including regimen components, adherence support, toxicity	T.B.	Theoretical lectures. Laboratory	

		monitoring, and key drug interactions.			
15			Final Exam		

11.Course Evaluation
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc • 20 M Theoretical assessment; (paper-based mid-term exam + quiz) • 20 M practical assessment (attendance + quiz + practice) • 60 M paper-based theoretical final exam _____ Total 100 M

12.Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Pharmacotherapy handbook
Main references (sources)	Joseph T. DiPiro, Robert L. Pharmacotherapy: A Pathophysiologic Approach, 12th Edition. 2023.
Recommended books and references (scientific journals, reports...)	Pharmacotherapy principle and practice
Electronic References, Websites	
Updates percentage	5%