**Course Description Form**

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| 1. Course Name: | | | | | | | | |
| Clinical pharmacy I | | | | | | | | |
| 1. Course Code: | | | | | | | | |
| **446 CpCp1** | | | | | | | | |
| 1. Semester / Year: | | | | | | | | |
| First semester/ Fourth | | | | | | | | |
| 1. Description Preparation Date: | | | | | | | | |
| 02/2024 | | | | | | | | |
| 1. Available Attendance Forms: | | | | | | | | |
| On campus | | | | | | | | |
| 1. Number of Credit Hours (Total) / Number of Units (Total) | | | | | | | | |
| 4 Hours /3 Units | | | | | | | | |
| 1. Course administrator's name (mention all, if more than one name) | | | | | | | | |
| Name: **Assistant Professor. Dr. Dheyaa Jabbar Kadhim**  Email: [**Diaa.kazem@copharm.uobaghdad.edu.iq**](mailto:Diaa.kazem@copharm.uobaghdad.edu.iq)  Name: **Lecturer. Dr. Ali Lateef Jasim**  Email: Ali.jassem@copharm.uobaghdad.edu.iq | | | | | | | | |
| 1. Course Objectives | | | | | | | | |
| **Course Objectives** | | | | * The course provides students with the basic knowledge and skills in community pharmacy in terms of management and practice**.** | | | | |
| 1. Teaching and Learning Strategies | | | | | | | | |
| **Strategy** | | | * Lectures * Seminars * Simple quizzes * Brainstorming questions | | | | | |
| 1. Course Structure | | | | | | | | |
| **Week** | **Hours** | **Required Learning Outcomes** | | | **Unit or subject name** | | **Learning method** | **Evaluation method** |
| 1 | 1 | This topic outlines:  1-Differences between prescription and over-the-counter medications.  2-Responding to symptoms in Community pharmacy  3-General rules for referring patients | | | Introduction to community pharmacy. | | Lectures.  Discussions. | Simple quizzes. |
| 2 | 3 | This topic outlines:  1-The etiology and symptoms of common minor Respiratory problems  2-Symptoms necessitating referral for physicians  3-Nonpharmacological treatments of common minor Respiratory problems  4-OTC Pharmacological treatments of common minor Respiratory problems  5-Proper patient counseling for OTC Pharmacological treatments. | | | Respiratory problems: Cough, Common cold, allergic rhinitis, Otitis media, Laryngitis & Pharyngitis | | Lectures.  Discussions. | Simple quizzes. |
| 3 | 4 | This topic outlines:  1-The etiology and symptoms of common minor G.I.T problems  2-Symptoms necessitating referral for physicians  3-Nonpharmacological treatments of common minor G.I.T problems  4-OTC Pharmacological treatments of common minor G.I.T problems  5-Proper patient counseling for OTC Pharmacological treatments. | | | G.I.T problems: Diarrhea, Constipation, Heart burn and indigestion, IBS and Hemorrhoids | | Lectures.  Discussions. | Simple quizzes. |
| 4 | 2 | This topic outlines:  1-The etiology and symptoms of common minor Pediatric problems  2-Symptoms necessitating referral for physicians  3-Nonpharmacological treatments of common minor Pediatric problems  4-OTC Pharmacological treatments of common minor Pediatric problems  5-Proper patient counseling for OTC Pharmacological treatments. | | | Pediatric care practice : Oral thrush, pinworms and head lice | | Lectures.  Discussions. | Simple quizzes. |
| 5 | 5 | This topic outlines:  1-The etiology and symptoms of common minor Skin problems  2-Symptoms necessitating referral for physicians  3-Nonpharmacological treatments of common minor Skin problems  4-OTC Pharmacological treatments of common minor Skin problems  5-Proper patient counseling for OTC Pharmacological treatments. | | | Skin conditions: Acne, Scabies, Psoriasis, Hair loss, Fungal infection, Eczema and Dermatitis , Dandruff, Cold sore, Corns and Callus. | | Lectures.  Discussions. | Simple quizzes. |
| 6 | 2 | This topic outlines:  1-The etiology and symptoms of common minor Women’s problems  2-Symptoms necessitating referral for physicians  3-Nonpharmacological treatments of common minor Women’s problems  4-OTC Pharmacological treatments of common minor Women’s problems  5-Proper patient counseling for OTC Pharmacological treatments. | | | Women’s health care: Cystitis and vaginal thrush, primary dysmenorrhea and Premenstrual syndrome. | | Lectures.  Discussions. | Simple quizzes. |
| 7 | 3 | This topic outlines:  1-The etiology and symptoms of common minor CNS problems  2-Symptoms necessitating referral for physicians  3-Nonpharmacological treatments of common minor CNS problems  4-OTC Pharmacological treatments of common minor CNS problems  5-Proper patient counseling for OTC Pharmacological treatments. | | | CNS related problems: Headache, Insomnia, Motion sickness, Nausea and vomiting | | Lectures.  Discussions. | Simple quizzes. |
| 8 | 1 | This topic outlines:  1-The etiology and symptoms of common minor Eye problems  2-Symptoms necessitating referral for physicians  3-Nonpharmacological treatments of common minor Eye problems  4-OTC Pharmacological treatments of common minor Eye problems  5-Proper patient counseling for OTC Pharmacological treatments. | | | - Eye problems | | Lectures.  Discussions. | Simple quizzes. |
| 9 | 1 | This topic outlines:  1-The etiology and symptoms of common minor ENT problems  2-Symptoms necessitating referral for physicians  3-Nonpharmacological treatments of common minor ENT problems  4-OTC Pharmacological treatments of common minor ENT problems  5-Proper patient counseling for OTC Pharmacological treatments. | | | ENT problems | | Lectures.  Discussions. | Simple quizzes. |
| 10 | 1 | This topic outlines:  1-The etiology and symptoms of common minor Oral problems  2-Symptoms necessitating referral for physicians  3-Nonpharmacological treatments of common minor Oral problems  4-OTC Pharmacological treatments of common minor Oral problems  5-Proper patient counseling for OTC Pharmacological treatments. | | | Oral hygiene, mouth ulcer | | Lectures.  Discussions. | Simple quizzes. |
| 11 | 1 | This topic outlines:  1-The etiology of obesity  2-Complications of obesity  3-Benefits of weight reduction  4-Nonpharmacological treatments of Obesity  4-OTC Pharmacological treatments of Obesity  5-Proper patient counseling for OTC Pharmacological treatments. | | | Obesity and body weight control. | | Lectures.  Discussions. | Simple quizzes. |
| 12 | 1 | This topic outlines:  1-The etiology and symptoms of Pain and musculoskeletal problems  2-Symptoms necessitating referral for physicians  3-Nonpharmacological treatments of Pain and musculoskeletal problems  4-OTC Pharmacological treatments of Pain and musculoskeletal problems  5-Proper patient counseling for OTC Pharmacological treatments. | | | - Pain and musculoskeletal disorders | | Lectures.  Discussions. | Simple quizzes. |
| 13 | 1 | This topic outlines:  1-Health risks from smoking  2- Facts about the benefits of smoking giving up  3- Theoretical Model of Smoking Cessation  4- Nicotine Replacement Therapy (NRT) Usage guidelines | | | Nicotine replacement therapy ( NRT). | | Lectures.  Discussions. | Simple quizzes. |
| 14 | 1 | This topic outlines:  1- Market of Supplements  2- Regulations of Dietary supplements  3- Hazards from Dietary Supplements  4-Quality and efficacy of Dietary Supplements | | | Dietary supplements | | Lectures.  Discussions. | Simple quizzes. |
| 15 | 2 | This topic outlines:  1- An update in reclassification of OTC drugs  2-Usage guidelines for new OTC drugs | | | An update in reclassification of OTC drugs | | Lectures.  Discussions. | Simple quizzes. |
| 16 | 1 | This topic outlines:  1-Definitions  2-Incidence of nonadherence and errors  3- Consequences of The nonadherence and errors  4- Causes of medication nonadherence and errors  5-Measurement of medication adherence and errors  6-Techniques to help patients improve medication adherence and reduce errors | | | Medication adherence and errors. | | Lectures.  Discussions. | Simple quizzes. |
| 1. Course Evaluation | | | | | | | | |
| 20 midterm exam + 20 Laboratory + 60 Final exam | | | | | | | | |
| 1. Learning and Teaching Resources | | | | | | | | |
| Required textbooks (curricular books, if any) | | | | | | 1-Symptoms in the pharmacy: a guide to the management of common illness.  2-Community pharmacy: symptoms, diagnosis and treatment. | | |
| Main references (sources) | | | | | | Symptoms in the pharmacy: a guide to the management of common illness | | |
| Recommended books and references (scientific journals, reports...) | | | | | | Handbook of Nonprescription Drugs: An Interactive Approach to Self-Care, | | |
| Electronic References, Websites | | | | | | Review articles | | |