**Course Syllabus وصف المقرر الدراسي**

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| **Name of the First instrctor of the Course**:  **Accademic Rank:**  **Degree:**  **E-mail:** |
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| 1. المؤسسة التعليمية | الصيدلة | Pharmacy | 1. College |
| 1. القسم العلمي / المركز | الصيدلة السريرية | Clinical Pharmacy | 1. Department |
| 1. اسم / رمز المقرر | دراسة الحالات المرضية في العلاجات 1 | ***Case Study in Therapeutics*** **I** | 1. Course name/code |
| 1. أشكال الحضور المتاحة | حضوري | On campus | 1. Delivery format (on campus- hybrid – online) |
| 1. الفصل / السنة | فصلي | Semester | 1. Semester – year |
| 1. عدد الساعات الدراسية (الكلي) | 3 | 3 | 1. Total credit hours |
| 1. تاريخ إعداد هذا الوصف | 9/2024 | 9/2024 | 1. Date this document is prepared |
| 1. أهداف المقرر | يعلم هذا المقرر المهارات التي يمكن للصيادلة استخدامها لجمع المعلومات لرصد فعالية العلاج الدوائي إلى جانب تحديد وحل مشاكل العلاج الدوائي. | The course provides students with the basic skills that the pharmacists can use for collecting the information to monitor the drug treatment efficacy together with determination and solving of drug therapy problems. | 1. Aims of the course |

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| 1. Course outcomes and learning methods applied   مخرجات المقرر وطرائق التعليم والتعلم والتقييم |
| * + - * 1. Knowledge الاهداف المعرفية   دراسة الحالات المرضية للامراض المختلفة وطرق التشخيص والعلاجات المتوفرة للمرض وتفاصيل استخدام ومراقبة فعالية العلاج |
| Learning and teaching methods طرائق التعليم والتعلم  استخدام المحاضرات وشرائح البور بوينت والسبورة والأدوات التعليمية الخاصة |
| * + - * 1. Skills الاهداف المهاراتية   تطبيقات تحاكي الحالات المرضية للمرض المعني |
| Learning and teaching methods طرائق التعليم والتعلم  عمل تقديم وعرض للحالات المرضية من قبل الطلاب |
| * + - * 1. Attitude الاهداف الوجدانية والقيمية   1- زیادة الثقة بالنفس من خلال التعامل مع الحالات المرضية المختلفة  2-استشعار أھمیة الدور الذي یقوم به الصیدلي في خدمة المرضى  3- غرس القیم الأخلاقیة المھمة للصیدلي في حیاته العملیة |
| * + - * 1. Other skills acquired through the course (related to personal development and employment) المهارات العامة والتأهيلية المنقولة ( المهارات الأخرى المتعلقة بقابلية التوظيف والتطور الشخصي)   1-تقدیم البحوث في المؤتمرات  2-مشاریع التخرج  3-مشاركات مجتمعیة |
| Learning and teaching method  من خلال تقدیم محاضرات نظریة وتطبیقیة |
| 1. Assessments methods   امتحانات نظریة بالإضافة الى نشاطات صفیة وعرض وتقديم للحالات المرضية وندوات علمیة |

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| 1. Course structure | | | | | |
| Assessment methods | Learning methods | Subject/chapter | Learning outcomes | hours | week |
| Case  presentation  and Quiz | Interactive case studies lectures | Introduction on medical cases | Teaching students how to rapidly obtain the information from the most important pharmaceutical books | 3 | 1 |
| Case  presentation  and Quiz | Interactive case studies lectures | Introduction to hypertension and its complications | Case studies assess the risk for hypertension and its complications. | 3 | 2 |
| Case  presentation  and Quiz | Interactive case studies lectures | Management of hypertension | Case studies to determine the difference between first and second line antihypertensive therapies drugs | 3 | 3 |
| Case  presentation  and Quiz | Interactive case studies lectures | Ischemic heart diseases | Case studies to teach students how to assess the patient risk to ischemic heart diseases and how to manage them. | 3 | 4 |
| Case  presentation  and Quiz | Interactive case studies lectures | Heart failure | Case studies to help students understand the role of newer therapies in the management of heart failure. | 3 | 5 |
| Case  presentation  and Quiz | Interactive case studies lectures | Asthma | Case studies to help studies in doing assessment and management of different stages of asthma. | 3 | 6 |
| Case  presentation  and Quiz | Interactive case studies lectures | Diabetes mellitus and its types with focus on type 1 | Case studies to help students understand how to calculate and adjust doses of insulin | 3 | 7 |
| Case  presentation  and Quiz | Interactive case studies lectures | Diabetic ketoacidosis (DKA). | Case studies to help students understand the risks to DKA and how to prevent it | 3 | 8 |
| Case  presentation  and Quiz | Interactive case studies lectures | Diabetes mellitus type 2. | Case studies to help students to educate diabetic patients the needed diabetes self-management practices. These cases are supported by training scenarios | 3 | 9 |
| Case  presentation  and Quiz | Interactive case studies lectures | Peptic ulcer disease. | Case studies to determine the best medical therapy for ulcer. | 3 | 10 |
| Case  presentation  and Quiz | Interactive case studies lectures | Osteoarthritis | Case studies to determine the best medical therapy for osteoarthritis. | 3 | 11 |
| Case  presentation  and Quiz | Interactive case studies lectures | Rheumatoid arthritis | Training students to determine disease severity. | 3 | 12 |
| Case  presentation  and Quiz | Interactive case studies lectures | Urinary tract infections | Case studies to show the first and second line antibiotic therapies for uncomplicated and complicated cystitis. | 3 | 13 |
| Case  presentation  and Quiz | Interactive case studies lectures | Tuberculosis | Case studies to show the first and second line antibiotic therapies for tuberculosis | 3 | 14 |
| Case  presentation  and Quiz | Interactive case studies lectures | Anemia | Training students to determine the type of anemia | 3 | 15 |

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| 1. Infrastructure بنية المقرر | | | |
| 1. الكتب المقررة المطلوبة | Caroline S. Zeind and Michael G. Carvalho (eds), Applied Therapeutics: The clinical use of drugs, 11th ed., 2018 by Lippincott Williams & Wilkins | | 1. Required text books |
| 2. المراجع الرئيسية (المصادر) | | 1. Fundamental readings | |
| 1. الكتب والمراجع التي يوصى بها (المجلات العلمية ،التقارير ،.....) | كتب العلاجات الدوائية | Therapeutics textbooks | 1. Books and other recommended reading |
| 1. المراجع الالكترونية ،مواقع الانترنيت ،..... | مقالات المراجعة العلمية | Review articles | 1. Electronic resources |
| 1. Course development plan خطة تطوير المقرر الدراسي   Every years the teaching staff updated the lectures according to updated references | | | |