|  |  |
| --- | --- |
| **Course Title:** | **Pharmacy Practice-I** |
| **Course Code:** | **PHCP 454** |
| **Program:** | **Pharmaceutical Sciences** |
| **Department:** | **Clinical Pharmacy** |
| **College:** | **Pharmacy** |
| **Institution:** | **Najran University** |

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# A. Course Identification

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1. Credit hours:** | | | | **2** | | | | | | | | | | | | |
| **2. Course type** | | | | | | | | | | | | | | | | |
| **a.** | University | |  | | College | | |  | Department | | | |  | Others |  |  |
| **b.** | | Required | | | |  | Elective | | |  |  | | | | | |
| **3. Level/year at which this course is offered:** | | | | | | | | | | | | **Level 7th / 4th Year** | | | | |
| **4. Pre-requisites for this course** (if any)**:**  **Introduction to Pharmacy (PHCP 251)** | | | | | | | | | | | | | | | | |
| **5. Co-requisites for this course** (if any)**:** | | | | | | | | | | | | | | | | |
| **None** | | | | | | | | | | | | | | | | |

## 6. Mode of Instruction (mark all that apply)

| **No** | **Mode of Instruction** | **Contact Hours** | **Percentage** |
| --- | --- | --- | --- |
| **1** | **Traditional classroom** | 30 | 100 |
| **2** | **Blended** |  |  |
| **3** | **E-learning** |  |  |
| **4** | **Correspondence** |  |  |
| **5** | **Other** |  |  |

**7. Actual Learning Hours** (based on academic semester)

|  |  |  |
| --- | --- | --- |
| **No** | **Activity** | **Learning Hours** |
| **Contact Hours** | | |
| **1** | **Lecture** | 30 |
| **2** | **Laboratory/Studio** | 0 |
| **3** | **Tutorial** | 0 |
| **4** | **Others** (specify) | 0 |
|  | **Total** | 30 |
| **Other Learning Hours\*** | | |
| **1** | **Study** | 30 |
| **2** | **Assignments** | 15 |
| **3** | **Library** | 0 |
| **4** | **Projects/Research Essays/Theses** | 0 |
| **5** | **Others** (specify) |  |
|  | **Total** | 75 |

**\*** The length of time that a learner takes to complete learning activities that lead to achievement of course learning outcomes, such as study time, homework assignments, projects, preparing presentations, library times

# B. Course Objectives and Learning Outcomes

|  |
| --- |
| 1. Course Description Course Description:  This course will prepare students for future pharmacy management roles in both hospital and community sector. It will provide students with key skills in, communication, the use of financial statements, budgeting, inventory control and purchasing. |
| 2. Course Main Objective |
| The Student will be able to:   * The concept of budgeting and how to budget yourself/industry. * How you can improve your communication skill and why it is important. * Distinguish between different leadership styles. * Apply principles of human resources management such as recruiting, training, motivating, and evaluating staff. * Recognize the decision making process |

## 3. Course Learning Outcomes

| **CLOs** | | **Aligned****PLOs** |
| --- | --- | --- |
| 1 | **Knowledge:** |  |
| 1.1 | This course deals with the different concepts and facts of regulations pertaining to practice and marketing of pharmaceutical preparations. | K4 |
| **2** | **Skills :** |  |
| 2.1 | Evaluate the possible therapeutic applications, and marketing of drugs and pharmaceutical compounds. | S1 |
| 2.2 | Plan strategies for solving the problem in the field of pharmaceutical science | S2 |
| 2.3 | Communicate clearly by verbal and written means | S4 |
| **3** | **Competence:** |  |
| 3.1 | Work independently and professionally | C1 |
| 3.2 | Use of personal values and ethical principles in the field of pharmacy management and marketing of pharmaceutical products. | C2 |

# C. Course Content

|  |  |  |
| --- | --- | --- |
| **No** | **List of Topics** | **Contact Hours** |
| 1 | Introduction of pharmacy practice | 1 |
| 2 | Personnel Management | 6 |
| 3 | Motivation | 4 |
| 4 | Inventory Control | 6 |
| 5 | Purchasing | 4 |
| 6 | Budgeting | 4 |
| 7 | Communication | 2 |
| 8 | Financial Management | 2 |
| **Total** | | **30** |

# D. Teaching and Assessment

## 1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

| **Code** | **Course Learning Outcomes** | **Teaching Strategies** | **Assessment Methods** |
| --- | --- | --- | --- |
| **1.0** | **Knowledge** | | |
| 1.1 | This course deals with the different concepts and facts of regulations pertaining to practice and marketing of pharmaceutical preparations. | Lectures | Written exam |
| **2.0** | **Skills** | | |
| 2.1 | Evaluate the possible therapeutic applications, and marketing of drugs and pharmaceutical compounds. | Lectures | 1. Written exam  2. Assignments |
| 2.2 | Plan strategies for solving the problem in the field of pharmaceutical science | Lecture/ discussion | Written exam |
| 2.3 | Communicate clearly by verbal and written means | Lectures | 1. Written exam  2. Assignments |
| **3.0** | **Competence** | | |
| 3.1 | Work independently and professionally | Lectures | 1. Written exam  2. Assignments |
| 3.2 | Use of personal values and ethical principles in the field of pharmacy management and marketing of pharmaceutical products. | Lectures/ presentation | 1. Written exam  2. Presentation |

## 2. Assessment Tasks for Students

| **#** | **Assessment task\*** | **Week Due** | **Percentage of Total Assessment Score** |
| --- | --- | --- | --- |
| **1** | Midterm exam **1** | 6 | 20% |
| **2** | Assignments/ Presentation | 12 | 5% |
| **3** | Midterm exam **2** | 10 | 20% |
| **4** | Observation card | 2-12 | 5% |
| **5** | Final exam | 17 | 50% |

**\*Assessment task** (i.e., written test, oral test, oral presentation, group project, essay, etc.)

# E. Student Academic Counseling and Support

|  |
| --- |
| **Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice :** |
| * **Office hours (5 hours per week + appointments)** * **Help session (problem solving): as required per week** |

# 

# F. Learning Resources and Facilities

## 1.Learning Resources

|  |  |
| --- | --- |
| **Required Textbooks** | Pharmacy Practice. A.J. Winfield. 4th edition, Churchill Livingstone,2009.  Pharmaceutical Management. Dr. Alka Ahuja, Dr. Javed Ali, Dr. Sanjula Baboota, Dr. Roop k. Khar, |
| **Essential References Materials** | Pharmacotherapy a pathopysiologic approach by Joseph T. DiPiro, PharmD, and etal |
| **Electronic Materials** | http://lib.nu.edu.sa/DigitalLibbrary.aspx |
| **Other Learning Materials** |  |

## 2. Facilities Required

| **Item** | **Resources** |
| --- | --- |
| **Accommodation**  (Classrooms, laboratories, demonstration rooms/labs, etc.) | **A Lecture containing at least 25 seats** |
| **Technology Resources**  (AV, data show, Smart Board, software, etc.) | * **Computer Lab Facility** * **Internet access** |
| **Other Resources**  (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list) |  |

# G. Course Quality Evaluation

| **Evaluation**  **Areas/Issues** | **Evaluators** | **Evaluation Methods** |
| --- | --- | --- |
| Effectiveness of teaching strategies | Head of departments  and students | Indirect  Questionnaires (indirect) |
| Effectiveness of student assessment | Faculty members  and students | Indirect  Questionnaires (indirect) |
| Achievement of CLOs | Student  peer reviewer | Direct  Indirect |
| Quality of learning resources | Students | Questionnaires (Indirect) |

**Evaluation areas** (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)

**Evaluators** (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

**Assessment Methods** (Direct, Indirect)

# H. Specification Approval Data

|  |  |
| --- | --- |
| **Council / Committee** | Clinical Pharmacy Department Council |
| **Reference No.** | 41-40-9-2 |
| **Date** | 1441-06-10 |