|  |  |
| --- | --- |
| **Course Title:** | **Cosmetic Preparations** |
| **Course Code:** | **PHCU539** |
| **Program:** | **Pharmaceutical Sciences** |
| **Department:** | **Pharmaceutics** |
| **College:** | **Pharmacy** |
| **Institution:** | **Najran University** |

Table of Contents

[A. Course Identification 3](#_Toc951372)

[6. Mode of Instruction (mark all that apply) 3](#_Toc951373)

[B. Course Objectives and Learning Outcomes 3](#_Toc951374)

[1. Course Description](#_Toc951375) 3

[2. Course Main Objective 4](#_Toc951376)

[3. Course Learning Outcomes 4](#_Toc951377)

[C. Course Content 4](#_Toc951378)

[D. Teaching and Assessment 5](#_Toc951379)

[1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods](#_Toc951380) 5

[2. Assessment Tasks for Students 5](#_Toc951381)

[E. Student Academic Counseling and Support](#_Toc951382) 5

[F. Learning Resources and Facilities 6](#_Toc951383)

[1.Learning Resources 6](#_Toc951384)

[2. Facilities Required 6](#_Toc951385)

[G. Course Quality Evaluation](#_Toc951386) 6

[H. Specification Approval Data](#_Toc951387) 6

# A. Course Identification

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1. Credit hours:** 2 hours (2+0) | | | | | | | |  | | | | | | | | |
| **2. Course type** | | | | | | | | | | | | | | | | |
| **a.** | University | |  | College | | | **√** | | Department | | | |  | Others |  |  |
| **b.** | | Required | | | **√** | Elective | | | |  |  | | | | | |
| **3. Level/year at which this course is offered:** | | | | | | | | | | | | Level 10 / 5th year | | | | |
| **4. Pre-requisites for this course** (if any)**:** Pharmaceutics-III (PHCU534) | | | | | | | | | | | | | | | | |
| **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** | 40 |
| **2** | **Assignments** | 20 |
| **3** | **Library** | 0 |
| **4** | **Projects/Research Essays/Theses** | 0 |
| **5** | **Others** (specify) | 0 |
|  | **Total** | 60 |

**\*** 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 This course is designed to familiarize the students with different types of cosmetic preparations for skin, hair, nail and personal hygiene including basic structure of skin, hair, nail and its functions, different types of cosmetics products as well as different types of ingredients including the prohibited and limited ones used for the formulation of cosmetic products and its evaluation. |
|  |
| 2. Course Main Objective |
| 1. Describe different cosmetic products and ideal characters of different active and inactive excipients used in cosmetic preparations.  2. Describe the ideal characteristics of various cosmetic preparation such as skin care preparations, hair care preparations, nail care preparation and personal hygiene products. |

## 3. Course Learning Outcomes

| **CLOs** | | **Aligned****PLOs** |
| --- | --- | --- |
| 1 | **Knowledge:** |  |
| 1.1 | Concept of cosmetic and cosmeceutical preparations | K3 |
| 1.2 | Principles of different cosmetic dosage forms for skin, hair, nail and personal hygiene application | K3 |
|  |  |  |
| **2** | **Skills :** |  |
| 2.1 | Evaluate the various cosmetic dosage forms for skin, hair, nail and personal hygiene applications | S1 |
| 2.2 | Interpret the composition and product formula of different cosmetic products for application and interactions | S3 |
|  |  |  |
| **3** | **Competence:** |  |
| 3.1 | Work independently and professionally | C1 |
|  |  |  |

# C. Course Content

|  |  |  |
| --- | --- | --- |
| **No** | **List of Topics** | **Contact Hours** |
| 1 | Cosmetic preparations: Introduction and classification | 2 |
| 2 | Skin and Hair Structure; Skin moisture and moisturizers | 2 |
| 3 | Cold and Vanishing cream | 4 |
| 4 | Cleansing creams and Foundation cream | 2 |
| 5 | Lipstick | 2 |
| 6 | Shampoos and antidandruff preparations | 2 |
| 7 | Hair conditioners and Hair tonics | 4 |
| 8 | Hair removers (Depilatories) | 2 |
| 9 | Nail lacquers and Nail lacquers removers | 2 |
| 10 | Dental pastes and Tooth powder | 2 |
| 11 | Mouth wash | 2 |
| 12 | Deodorants | 2 |
| 13 | Shaving preparations: Before and After-shave preparation | 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 | Concept of cosmetic and cosmeceutical preparations | Lectures | 1.Theoretical exam  2. Assignments |
| 1.2 | Principles of different cosmetic dosage forms for skin, hair, nail and personal hygiene application | Lectures | 1.Theoretical exam  2. Assignments |
|  |  |  |  |
| **2.0** | **Skills** | | |
| 2.1 | Evaluate the various cosmetic dosage forms for skin, hair, nail and personal hygiene applications | Lectures,  Assignments | Theoretical exam |
| 2.2 | Interpret the composition and product formula of different cosmetic products for application and interactions | Assignments | 1. Work place-based assessment (WPBA)  2. Assignments |
|  |  |  |  |
| **3.0** | **Competence** | | |
| 3.1 | Work independently and professionally | Assignments | 1. Work place-based assessment (WPBA)  2. Assignments |
|  |  |  |  |

## 

## 2. Assessment Tasks for Students

| **#** | **Assessment task\*** | **Week Due** | **Percentage of Total Assessment Score** |
| --- | --- | --- | --- |
| **1** | Midterm exam 1 | 6 | 20% |
| **2** | Midterm exam 2 | 10 | 20% |
| **3** | Assignments | 12 | 05% |
| **4** | Observation card | 2-12 | 05% |
| **5** | Final Theory exam | 17 | 50% |
| **6** | Total |  | 100% |

**\*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 :** |
| 1. Office hour (2 hours per week): Each faculty member must set fixed two hours each week to fulfill the students’ academic requirements.  2. Office hours must be announced in the office door and course blackboard. |
|  |

# F. Learning Resources and Facilities

## 1. Learning Resources

|  |  |
| --- | --- |
| **Required Textbooks** | 1. Handbook of cosmetic skin care, second edition, edited by Avi Shai. 2. Pharmaceutics - The Science of Dosage Form Design, Second edition, edited by M.E. Aulton. |
| **Essential References Materials** | 1. Encyclopedia of pharmaceutical technology, third edition, edited by James Swarbrrick. 2. Power point slides/word file |
| **Electronic Materials** | https://sdl.edu.sa/SDLPortal/en/Publishers.aspx  http://dlaf.nu.edu.sa/en/e-libraries |
| **Other Learning Materials** | AN |

## 2. Facilities Required

| **Item** | **Resources** |
| --- | --- |
| **Accommodation**  (Classrooms, laboratories, demonstration rooms/labs, etc.) | 1. Suitable lecture room equipped with data show and internet and sufficient number of seats.  2. Suitable laboratories equipped with health and safety tools, internet and sufficient number of seats. |
| **Technology Resources**  (AV, data show, Smart Board, software, etc.) | Computers, data show, sound systems and internet |
| **Other Resources**  (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list) | AN |

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# G. Course Quality Evaluation

| **Evaluation**  **Areas/Issues** | **Evaluators** | **Evaluation Methods** |
| --- | --- | --- |
| Effectiveness of teaching strategies | Head of departments and Students | Indirect  Questionnaires (indirect) |
| Achievement of course learning outcomes (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)

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# H. Specification Approval Data

|  |  |  |
| --- | --- | --- |
| **Council / Committee** | Pharmaceutics Department Council |  |
| **Reference No.** | Department meeting No.1 |  |
| **Date** | 10/09/2019 |  |