

Course Description Form

1. Course Name: Skin Care Pharmaceuticals	
2. Course Code: PHC202	
3. Semester / Year: first 2025/2026	
4. Description Preparation Date: 2026	
5. Available Attendance Forms: Live attendance in the classroom (laboratory)	
6. Number of Credit Hours (Total) / Number of Units (Total)	
2 hours/2	
7. Course administrator's name (mention all, if more than one name)	
Name: ALI H.Hameed Email: alihattam@yahoo.com	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> <input type="checkbox"/> Understand the pharmacological properties and uses of common skin care pharmaceuticals. <input type="checkbox"/> Identify active ingredients in skin care formulations and their mechanisms of action. <input type="checkbox"/> Apply knowledge of pharmaceutical skin care products in cosmetic treatments and patient care. <input type="checkbox"/> Recognize side effects, contraindications, and proper usage guidelines.
9. Teaching and Learning Strategies	
Strategy	<p>Interactive lectures: Presenting information through model presentations and practical drug demonstrations to understand drug actions, uses, and effects on the body.</p> <p>Case-Based Learning: Studying different clinical cases to analyze drug selection, therapeutic uses, side effects, and patient responses to medications.</p>

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
first	2	Knowledge	Introduction to Skin Care Pharmaceuticals – Definition, scope, and i	Giving a lecture using modern presentation methods	Quiz
second	2	Knowledge	Types of Skin Care Products Emollients, moisturizers, cleansers, sunscreens	Giving a lecture using modern presentation methods	Quiz
third	2	Knowledge	Topical Anti-inflammatory Agents – Corticosteroids and non-steroidal agents	Giving a lecture using modern presentation methods	Quiz
fourth	2	Knowledge	Skin Lightening Agents – Hydroquinone, kojic acid, azelaic acid	Giving a lecture using modern presentation methods	Quiz
fifth	2	Knowledge	Sunscreens – Types (chemical vs physical), SPF, broad-spectrum protection	Giving a lecture using modern presentation methods	Quiz
sixth	2	Knowledge	Antimicrobial Agents in Skin Care – Antibiotics, antifungals, antiseptics	Giving a lecture using modern presentation methods	Practical test
seventh	2	Knowledge	Vitamins in Skin Care – Vitamin A (retinoids), C, E, and others	Giving a lecture using modern presentation methods	Quiz
eighth	2	Knowledge	Anti-aging Pharmaceuticals – Peptides, antioxidants, growth factors	Giving a lecture using modern presentation methods	Quiz

ninth	2	Knowledge	Acne Pharmaceuticals – Benzoyl peroxide, retinoids, antibiotics	Giving a lecture using modern presentation methods	Quiz
tenth	2	Knowledge	Moisturizers and Barrier Repair Agents – Ceramides, lipids	Giving a lecture using modern presentation methods	Quiz
eleventh	2	Knowledge	Cosmeceuticals vs Pharmaceuticals – Regulatory and functional differences	Giving a lecture using modern presentation methods	Quiz
twelfth	2	Knowledge	Adverse Reactions and Safety – Allergies, irritations, photosensitivity	Giving a lecture using modern presentation methods	Quiz
thirteenth	2	Knowledge	Prescription vs Over-the-counter Skin Care Products	Giving a lecture using modern presentation methods	Quiz
fourteenth	2	Knowledge	Review and Integration – Latest trends and innovations in skin pharmaceuticals	Giving a lecture using modern presentation methods	Quiz
fifteenth	2	Knowledge	Case discussions on product claims and patient advice	Giving a lecture using modern presentation methods	Quiz

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

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Dermatologic Pharmacology by Kenneth Arndt and Jeffrey M. Sobell
Main references (sources)	Curriculum set by sector committees
Recommended books and references (scientific journals, reports...)	Cosmetic Dermatology: Products and Procedures by Zoe Diana Draelos o Research articles on s pharmacology o Product monographs and clinical guidelines

