

Department	Pharmacy
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Course Name	Cosmetics Preparations	Course No.	201522
Prerequisite	Industrial Pharmacy	Credit Hours	2
Number & date of course plan approval	2016/2017	Brief Description	See form QF02/0409

Course Objectives	<ol style="list-style-type: none"> 1. This course provide the student with the registration rules of cosmetic product and the FDA guidance in this regard 2. Also, the course provide the quality control testing of cosmetic products 3. This course provides students with an introduction to the knowledge of cosmetics products. 4. It will provide the student with basic knowledge of the skin anatomy and skin products including skin creams, astringents and skin tonics, Protective creams and hand cleansers, bath preparations, skin products for babies, skin products for young people, anti-perspirant and deodorants, depilatories, shaving preparation, foot preparations, Insect repellants sunscreen, suntan and anti-sunburn preparations, skin lighteners or bleaches, face Packs and masks, face powders and make-up, and colored make-up preparation (lipstick, rouge, eye makeup). 5. It will provide student with knowledge of nail preparation. 6. It will give knowledge in Hair preparations including shampoos hair setting lotions, sprays and dressings, hair tonics and conditioners, hair colorants, permanent waving and hair strengtheners, and hair straighteners.
Intended Learning Outcomes	<ol style="list-style-type: none"> 1. The student should be able to describe the FDA regulation of cosmetic industry and registration 2. The student should be able to understand the basic requirements of quality control testing 3. Student should be capable to understand the basics in the formulation of cosmetical products. 4. The student will be capable to differentiate the effect of each ingredient in these products. 5. The student will understand the influence of these ingredients on the price of such products. 6. The student will be able to differentiate between various products according to the ingredients inside. <p>The student will differentiate the presence of category-based products such as baby products.</p>

Course Topics	<ol style="list-style-type: none"> 1. FDA regulation and ethics 2. Quality control testing of cosmetic product. 3. Skin anatomy and skin products including skin creams, astringents and skin tonics, Protective creams and hand cleansers, bath preparations, skin products for babies, skin products for young people, anti-perspirant and deodorants, depilatories, shaving preparation, foot preparations, Insect repellants sunscreen, suntan and anti-sunburn preparations, skin whiteners or bleaches, face masks, face powders and make-up, and colored make-up preparation (lipstick, rouge, eye makeup). 4. Nail care and preparation. 5. Hair preparations including shampoos hair setting lotions, hair botox, sprays and dressings, hair tonics and conditioners, hair colorants, permanent waving and hair strengtheners, and hair straighteners. 			
Text Books	<ol style="list-style-type: none"> 1. “Harry’s Cosmeticology”, Ralph Gordon Harry, Chemical Publishing Company; 8 edition (April 1, 2000) 2. Handbook of Cosmetic Science and Technology, editors André O. Barel Marc Paye, Howard I. Maibach 			
References	<ol style="list-style-type: none"> 1. The ABC’s of Cosmetics, Constantin Predeteanu. 2. Handbook of Cosmetic Science and Technolgy, Andre O. Barel, Marc Paye, and Howard I. Maibach, Marcel Dekker, 2001. 3. Cosmetics Science and Technology, M. S. Balsam, and Edward Sagarin, Wiley Interscience, 2nd edition, 1972 			
Grade Determination	1 st Exam = 25%	2 nd Exam = 25%	Final Exam = 50%	Practical Course Grade Determination
Course Outline				
Week	Hours	Subjects	Chapters in Textbook	Notes
1	1 1	Introduction to cosmetics.	1 Harry	
2	1 1	FDA regulations and control on cosmetic industry	7 Harry	
3	1 1	Quality management of cosmetic preparation Teeth and dental products Dentifrice. Mouthwashes	78 André	
4	1 1	Cosmetics , skin anatomy	1 Harry’s	
5	1 1	Hair properties Hair preparations: Keratin, botox, Creams and gels	2 Harry	
6	1 1	Hair preparation: shampoo Shaving preparation Depilatories.	29 Harry	

Course Detailed Description – Procedures of the Course Plan Committee /Faculty of Pharmacy	QF02/0408–2.10E
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7	1 1	Hair colorants.- Permeant waving and hair strengtheners	30 Harry 31 Harry	
8	1 1	Aging physiology Antiaging preparation	22, 24, 25 André	
9	1 1	Sun screens and sunblock preparations Skin whitening Acne	20 Harry 58 André	
10	1 1	Astringents and toners Skin creams	18 Harry	
11	1 1	Acne:	22 Harry	
12	1 1	Nails Products: Manicure preparation	٢٧Harry	
13	1 1	Deodorants and antiperspirants	62, 63 André	
14	1 1	Colored Make-up preparation: Lipstick	26 Harry	
15	1 1	Face Packs and masks Face Powders and make-up	23 Harry	

Approved by Dept. Chair		Date of Approval	
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Extra Information: (Updated every semester and filled by course instructor)

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Office hours	