

Course Description

Module 2: 1702721 Advanced Cosmetic Science for Hair and Nail (Master of Cosmetic Science: 1/2015)

Class: Every Sunday at Panjabhum 2 Bldg., (8th floor) 9:00 am-12:00 pm, 1:00 pm- 4:00 pm Lab : 5:00 pm - 8:00 pm

Course Coordinator: Dr.Krisada Kittigowittana

Week	Date	Lec./Lab	Topic	Lecturer	Exam	Point	อ.ผู้ประสานงาน	
1	16-Aug-15	Lecture (6 hrs.)	Basic chemistry for cosmetic applications	Dr.Nisakorn Saewan Dr.Tawanun Sripisit Dr.Krisada Kittigowittana				
2	23-Aug-15		Certificate session / Course overview	Dr. Phanuphong Chaiwut				
		Lecture (3 hrs.)	Introduction to advanced cosmetic science for hair and nail	Assoc. Prof. Dr. Panvipa Krisdaphong	Midterm	10		
			Lab. Check In, Safety in Lab, Lab attendance, Lab Report					
		Lecture (3 hrs.)	Generation and morphology of hair and nail ; hair and nail disease	Dr. Natthawut Thitipramote	Midterm	10		
	Laboratory (3 hrs.)	Exp.1 morphology of hair and nail	Dr. Natthawut Thitipramote					
3	30-Aug-15	Lecture (6 hrs.)	Raw materials for hair care cosmetics	Dr. Phanuphong Chaiwut	Midterm	20		
		Laboratory (3 hrs.)	Exp.2 Raw materials of hair care cosmetics	Dr. Punyawatt Pintathong Dr. Phanuphong Chaiwut				
4	6-Sep-15	Lecture (6 hrs.)	Dosage forms of hair care cosmetics	Dr. Punyawatt Pintathong Dr. Phanuphong Chaiwut	Midterm	20		
		Laboratory (3 hrs.)	Exp.3 Hair care cosmetics	Dr. Punyawatt Pintathong Dr. Phanuphong Chaiwut				
5	13-Sep-15	Lecture (6 hrs.)	Hair shampoo	Assoc.Prof. Pimporn Leelapornpisid	Midterm	20	อ.กฤษฎา	
		Laboratory (3 hrs.)	Exp.4 Hair shampoo preparation	Assoc.Prof. Pimporn Leelapornpisid				
6	20-Sep-15	Lecture (6 hrs.)	Hair conditioner	Dr.Naphatsorn Kumar	Midterm	20		
		Laboratory (3 hrs.)	Exp.5 Hair conditioner preparation	Dr.Naphatsorn Kumar Dr.Tawanun Sripisit				
7	27-Sep-15	Lecture (6 hrs.)	Hair perm and strengtener	Assist.Prof.Dr. Mayuree Kanlayavattanakul	Midterm	20		
		Lecture (6 hrs.)	Clinical trials in hair care cosmetics	Assist.Prof.Dr. Nattaya Lourith	Midterm	20		
		Laboratory (3 hrs.)	Exp.6 Perm and strengtener preparation	Assist.Prof.Dr. Mayuree Kanlayavattanakul Assist.Prof.Dr. Nattaya Lourith				

8	4-Oct-15	Lecture (6 hrs.)	Anti-hairloss products	Dr. Natthawut Thitipramote Dr.Naphatsorn Kumar	Midterm	20		
		Laboratory (3 hrs.)	Exp.7 Anti-hairloss product preparation	Dr. Natthawut Thitipramote Dr.Naphatsorn Kumar				
9	11-Oct-15	Lecture (6 hrs.)	Hair color and bleaches	Assist. Prof. Dr. Nattaya Lourith	Midterm	20		
		Lecture (6 hrs.)	Herbs for hair care cosmetics	Assist. Prof. Dr. Nattaya Lourith				
		Laboratory (3 hrs.)	Exp.8 Hair color and bleach product preparation	Assist. Prof. Dr. Nattaya Lourith Assist. Prof. Dr. Mayuree Kanlayavattanakul				
10	18-Oct-15	Lecture (6 hrs.)	Shaving cosmetics and hair removal and other cosmetics	Assoc.Prof.Pimporn Leelapornpisid	Midterm	20	อ.กฤษฏา	
		Laboratory (3 hrs.)	Exp.9 Shaving cosmetics	Assoc.Prof.Pimporn Leelapornpisid				
11	25-Oct-15	Lecture (6 hrs.)	Hair styling products	Dr. Punyawatt Pintathong Dr. Phanuphong Chaiwut	Midterm	20		
		Laboratory (3 hrs.)	Exp.10 Hair styling product preparation	Dr. Punyawatt Pintathong Dr. Phanuphong Chaiwut				
12	1-Nov-15	Midterm Exam 3 hrs						
		Lecture (6 hrs.)	Trend for hair care products		Final	10	อ.กฤษฏา	
13	8-Nov-15	Lecture (6 hrs.)	Anti-dandruff products	Dr. Puxvadee Chaikul Dr.Witayapan	Midterm	20		
		Laboratory (3 hrs.)	Exp.11 Anti-dandruff product preparation	Dr. Puxvadee Chaikul Dr.Witayapan				
14	15-Nov-15	Lecture (6 hrs.)	Raw materials and dosage forms of nail cosmetics	Assoc.Prof.Pimporn Leelapornpisid	Final	20	อ.กฤษฏา	
		Laboratory (3 hrs.)	Exp.12 Nail cosmetics	Assoc.Prof.Pimporn Leelapornpisid				
15	22-Nov-15	Lecture (9 hrs.)	Nail care products and trend for nail cosmetics (Workshop)	Special guest (Progressive)	Final	20	อ.นฤนัท	
16	29-Nov-15	Lecture (3 hrs.)	Preparation of herbal actives in cosmetics	Assist. Prof. Dr. Mayuree Kanlayavattanakul	Final	10		
		Lecture (3 hrs.)	Standardization of herbal actives in cosmetics	Assist. Prof. Dr. Mayuree Kanlayavattanakul				
		Lecture (3 hrs.)	Exp.13 Preparation and standardization of herbal actives in cosmetics	Assist. Prof. Dr. Nattaya Lourith Assist. Prof. Dr. Mayuree Kanlayavattanakul				
	6-Dec-15	หยุดชดเชยวันเฉลิมพระชนมพรรษาพระบาทสมเด็จพระเจ้าอยู่หัว						
17	13-Dec-15	Lecture (3 hrs.)	Novel technology and innovation of hair and nail care cosmetics	Prof. Dr. Aranya Manosroi	Final	10		
		Lecture (3 hrs.)	Regulations of hair and nail care	Prof. Dr. Jiradej Manosroi				
		Laboratory (3 hrs.)	Exp.14 Innovation of hair and nail care cosmetics	Prof. Dr. Aranya Manosroi				

18	20-Dec-15	Lecture (6 hrs.)	Quality control of hair and nail care cosmetics	Assoc. Prof. Dr. Surapol Natakankitkul	Final	20	ခ.ဂုဏ်	
		Laboratory (3 hrs.)	Exp.15 Quality control of hair and nail care cosmetics	Assoc. Prof. Dr. Surapol Natakankitkul				
19	27-Dec-15	Lecture (9 hrs.)	Research and development for hair and nail products I	Dr. Ampa Jimtaisong Dr. Nisakorn Saewan	Final	20		
20	3-Jan-16	Presentation (9 hrs.)	Selected Topic Presentation					
21	10-Jan-16	Lecture (9 hrs.)	Research and development for hair and nail products II	Dr. Ampa Jimtaisong Dr. Nisakorn Saewan	Final	20		
22	17-Jan-16	Final Exam 3 hrs						ခ.ဂုဏ်

Assessments:**Lecture (80)**

1. Midterm Examination
2. Final Examination
3. Selected Topic

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35

35

10

Experiment (20)

1. Lab Report

20

Total**100**