

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

<b>Course name</b>	Soap, Detergents And Cosmetics
<b>Course number</b>	CHEM4309
<b>Faculty</b>	
<b>Department</b>	
<b>Course type</b>	Major Needs
<b>Course level</b>	4
<b>Credit hours (theoretical)</b>	3
<b>Credit hours (practical)</b>	0
<b>Course Prerequisites</b>	

#### Course Objectives

- 1 - - Students will have the practical and business skills for employment in a professional, licensed as worker in the field of soap, Detergents and cosmetic industries.
- 2 - - Employed graduates will have developed the skills, speed, sales manship, ethics and professionalism required to succeed as professional in this field
- 3 - - Students are to acquire the knowledge and skills, theoretical and practical, sufficient to pass the board of cosmetology and soap maker examination for licensing.

#### Course Contents

- 1 - • Classification and chemistry of soap.
- 2 - • Classification and chemistry on non – soapy detergents
- 3 - • Fatty Raw materials for soap
- 4 - • Technology of soap Manufacturing
- 5 - • Soap and Detergents, An overview
- 6 - • Synthetic Detergents, Preparation and properties
- 7 - • Soap and Detergents additives and their functions
- 8 - • Perfumers, Types, extraction and methods of formulations
- 9 - • Shampoos: Evaluation of Detergents as shampoo base, Raw materials
- 10 - Requirements, additives, types, and formulations. Other Hair care products
- 11 - • Skin creams: classification of skin creams as: cleansing, Moisturizing, Vanishing,
- 12 - Foundation, and hand cream, ....etc, Raw materials, and formulation.
- 13 - Foundation, and hand cream, ....etc, Raw materials, and formulation.
- 14 - • Antiperspirants and deodorants: Ingredients, Mechanism, and Formulations
- 15 - • Face powders and make up: Raw materials classification, properties and Function, Formulation and testing.

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## Books and References

Course note

References:

1. Soap and Detergents" K.S. Parasuran, Tota McCraw- Hill Publishing company limited, New Delhi, 1995.
2. Cosmetics and Toiletries Industry", Second Edition, D.F. Williams and W.H. Schmitt-Blackie Academic Professiona, 1996
3. Harrys cosmeticology", Seven Edition, J.B. Wilkinson, R.T. Moore, Published in USA by chemical Publishing Company. Inc. New York, 1982.
4. Manufacture of Perfumes, Cosmetic and Detergents, by Gir Raj Prasad small industries Research institute India.
5. Hand Book on Cosmetic Industry" 2nd Edition SIRI Board of consultants Engineers, Small industry Research institute, India
6. Handbook of Detergents, Part, A, B, C, D Michael S Showell CRC Taylor of Francis.