



Chemical Reformation and Related Theory (CSME 1453)

Credit: 4 semester credit hours (3 hours lecture, 4 hours lab)

Prerequisite/Co-requisite: None

Course Description

This course provides an overview of the skills and knowledge necessary for the field of cosmetology

Required Textbook and Materials

Milady Standard Cosmetology, 13th Edition Cengage, 2018

Online Homework Platform—MindTap
ISBN-13: 9781305632011 (24-month MindTap Access)

TDLR Cosmetology Rules and Regulations Book

Related Textbook and Materials

Milady's Standard Cosmetology 2018 Textbook
Milady's Standard Cosmetology 2018 Theory Workbook
Milady's Standard Cosmetology 2018 Practical Workbook
Milady's Standard Cosmetology 2018 Exam Review Book

Course Objectives

Upon completion of this course, the student will be able to:

1. Define terminology related to chemical reformation
2. Exhibit workplace competencies related to chemical reformation
3. Follow safety and sanitation practices according the Texas Department of Licensing and Regulations (TDLR)
4. Follow state laws and rules according the Texas Department of Licensing and Regulations (TDLR)

Course Outline

1. Basic Principles of Chemical Reformation
 - a. Chemical effects on hair
 - b. pH Scale
 - c. Haircutting tools
 - d. Building blocks of hair
2. Permanent Waving
 - e. Chemistry of permanent waving
 - f. Types of permanent waves
 - g. Tools used for permanent waving

- h. Permanent wave processing
 - i. Safety precautions
5. Chemical Relaxing
- a. Chemistry of chemical relaxing
 - b. Types of chemical relaxers
 - c. Tools used for chemical relaxing
 - d. Chemical relaxer processing
 - e. Safety precautions
6. Curl Reformation
- a. Chemistry of curl reforming
 - b. Tools used for curl reforming
 - c. Curl reformation processing
 - d. Safety precautions

Grade Scale

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|----------|---|
| 90 – 100 | A |
| 80 – 89 | B |
| 70 – 75 | C |
| 0 - 74 | F |

Course Evaluation

Final grades will be calculated according to the following criteria:

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|-----------------------|-----|
| Attendance | 10% |
| Safety and Sanitation | 10% |
| Class Participation | 10% |
| Chapter Exams | 20% |
| Labs (Hands-on) | 20% |
| Final Exam | 20% |
| Projects | 10% |

Course Policies

1. Students must bring all required text and text materials to class daily.
2. Students must bring all supplies for the course daily.
3. Students must remain in uniform while on campus.
4. If you wish to drop a course, the student is responsible for initiating and completing the drop process. If you stop participating in the course and fail to drop the course, you will earn an 'F' in the course.

5. A grade of ‘C’ or better must be earned in this course for credit toward degree requirement.
6. Additional course policies, as defined by the individual course instructor, will be outlined in the course addendum and provided by the instructor.

Disabilities Statement

The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles’ Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409)839-2018. You may also visit the online resource at [Special Populations - Lamar Institute of Technology \(lit.edu\)](http://lit.edu/SpecialPopulations).

Technical Requirements (for courses using Blackboard)

The latest technical requirements, including hardware, compatible browsers, operating systems, software, Java, etc. can be found online at: https://help.blackboard.com/Learn/Student/Getting_Started/Browser_Support/Browser_Checker. A functional broadband internet connection, such as DSL, cable, or Wi-Fi is necessary to maximize the use of the online technology and resources.

Student Code of Conduct Statement

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu or obtained in print upon request at the Student Services Office. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.

Starfish

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT. For more information: [Starfish - Lamar Institute of Technology \(lit.edu\)](http://lit.edu/Starfish).

License Requirement

CSME majors are to take a two-part exam in order to receive a license

- Cosmetology Operator Written Exam

CSME 1354 – Online Course Syllabus

- Cosmetology Operator Practical Exam
- Both Exams can be taken in person at a testing site
- Both Exams can be taken virtually (on campus via computer)

This course covers the material to prepare the student for basic hair design, including wet hairstyling and thermal hairstyling. This course is a pre-requisite for Advanced Haircutting and Related Theory