

# **Cosmetology/Barber Program/ Career and Technical Education**

## **Course Title:**

## **Chemical Reformation**

### **Course Rubric and Number:**

CSME 1453

### **Semester with Course Reference Number (CRN)**

**Fall Semester** (6122) **CRN#** 80672

### **Course Location/Times**

**Office City / Monday- Thursday**

2:40 p.m. - 5:00 p.m.

### **Course Semester Credit Hours:**

2 (SCH) 8 (Lecture)

### **Course Contact Hours**

160 Contact Hours

### **Course Length** (16 weeks)

**Type of Instruction:** Lecture/ Lab      In person

### **Instructor:**

**Name:** Lemurle Garrett

**Phone number:** 713-718-7501

**Email address:** lemurle.garrett@hccs.edu

**Office:** 7015 Gulf Freeway, Suite 220  
Houston, TX 77087

### **Course Description:**

Presentation of the theory and practice of chemical reformation including terminology, application, and workplace competencies.

**Course Prerequisite:**

College ready reading and writing

Minimum score of 81 on COMPAS or 41 on ASSET

High School Diploma or GED

**Course Goal:**

1. The Possibilities of Texture
2. Basic Perming
3. Advanced Perming
4. Basic Relaxing
5. Advanced Relaxing
6. Permanent Waving Essentials

**Course Student Learning Outcomes (SLO)**

**End-of-Course Outcomes:** Identify terminology related to chemical reformation; demonstrate the proper application and exhibit workplace competencies related to chemical reformation.

External accreditation standard is a passing score of 70% on state licensing examination administered by Texas Department of Licensing and Regulation on the first attempt.

**Student Learning Outcomes:**

Upon completion of this course the student will:

- Demonstrate the correct procedure to section, block, wrap and process the chemical wave projects assigned, observing all safety and sanitation guidelines and complete within the specified time frame, with a minimum score of 80%.
- Identify and explain the processes, products, and chemicals used to relax overly curly hair, including safety precautions and product information, hair and scalp analysis and client records. The student must pass the theory portion of this unit with a minimum of 75% on the written examination.
- Perform a chemical relaxer service on a model observing all safety and sanitation guidelines within an hour time frame with a minimum score of 80%.
- Perform a soft curl perm, including all safety and sanitation precautions.
- Complete a perm design project using at least 5 permanent wrap patterns.

## SCANS Statement

|  |
|--|
| <b>A. Three Part Foundation</b>  |
| Basic Skills – Reads, writes, performs arithmetic and mathematical operations<br>Listens and speaks                  |
| Thinking Skills – Thinks creatively, makes decisions, solves problems, visualizes,<br>Knows how to learn and reasons |
| Personal Qualities – Displays responsibility, self-esteem, sociability, self-management<br>And integrity and honesty |
| <b>B. Five Workplace Competencies</b>  |
| Resources – Identifies, organizes, plans and allocates resources   |
| Interpersonal – Works with others, , participates as a team member, teaches work-<br>related content                 |
| Information – Acquires and uses and evaluates relevant information I   |
| Systems – Understands complex inter-relationships  |
| Technology – Works with a variety of technologies  |

## Course Calendar

See Attached Calendar

**Instructional Methods:** Because of the interactive nature of this course, a variety of instructional methodology will be used including, but not limited to: lecture, group discussion, group activities, video tapes, guest speakers, field trips, and exploration activities.

## Instructional Materials: Text:

|   |         |
|---|---------|
| <u>Milady Standard Cosmetology Text</u><br>Learning | Cengage |
|---|---------|

|   |         |
|---|---------|
| <u>Milady Standard Cosmetology Practical Workbook</u><br>Learning | Cengage |
|---|---------|

|   |         |
|---|---------|
| <u>Milady Standard Cosmetology Text</u> Theory Workbook<br>Learning | Cengage |
|---|---------|

|   |         |
|---|---------|
| <u>Milady Standard Study Guide: The Essential Companion</u> | Cengage |
|---|---------|

## Suggested Reference:

Hair Structure and Chemistry Simplified, Revised Edition, Author: Douglas Schoon, Delmar Publishing

**Resources:**

You will need to have a Catalog/ Student Handbook and Schedule of Classes. You will also need to bring your text, pens, paper, highlighters, student kits etc... to class with you on a daily basis. It is also advisable to purchase or make a weekly planner and bring it to class daily.

**Attitude:**

A sense of humor, a desire to succeed, a passion for learning, and an optimistic outlook will be extremely helpful in this class and in college. Courtesy, good manners and consideration for others is expected from every student in this class.

**HCC Policy Statement: ADA**

Houston Community College is committed to providing an accessible and supportive environment for students with disabilities. The Disability Support Service Office (DSSO) at each college of the Houston Community College is responsible for arranging reasonable accommodations for all qualified students with documented disabilities to ensure equal access to all programs and activities at HCC

**HCC Policy Statement: Academic Honesty****Scholastic Dishonesty**

Students are responsible for conducting themselves with honor and integrity in fulfilling course requirements. Penalties and/or disciplinary proceedings may be initiated by College System officials against a student accused of scholastic dishonesty.

“Scholastic dishonesty” includes, but is not limited to, cheating on a test, plagiarism, and collusion.

“Cheating” on a test includes:

- Copying from another student’s test paper;
- Using materials during a test that are not authorized by the person giving the test
- Collaborating with another student during a test without authority.

**HCC Policy Statement: Student attendance,  
3-peaters, withdrawal deadline**

Students are expected to attend classes regularly. Students are responsible for material covered during their absences and it is the student’s responsibility to consult with

instructors for makeup assignments. Class attendance is checked daily by this instructor. Although it is the responsibility of the student to drop a course for non-attendance, as your instructor I reserve the right to drop a student for excessive absences.

A student may be dropped from a course for absenteeism.

This department/ program are governed Texas Department of Licensing and Regulation (TDLR) and our accrediting/certification standards require a more stringent attendance policy.

**Special Note 1:** If you exceed the number of absences and decide not to speak with me regarding problems or decide not to return to class, it is YOUR responsibility to withdraw from the course. If your name is on the grade roster at the end of the term, a grade of "F" will be recorded. You must formally withdraw.

**Special Note 2:** Classes begin at the exact time specified in the schedule of classes. If you are more than 15 minutes late to class, you will be counted absent for the class period.

**NOTE: IT IS THE RESPONSIBILITY OF THE STUDENT TO WITHDRAW OFFICIALLY FROM A COURSE.**

Administrative drops are at the discretion of the instructor.

### ***Late Assignments***

Students are expected to adhere to the weekly schedule of assignments printed in the course syllabus. Late assignments will **NOT BE ACCEPTED FOR ANY REASON. Late progress charts (daily skills) are not accepted under any circumstances and are due on Thursday before you clock out for the day.**

### **Instructions for submitting assignments:**

1. All assignments must be submitted on time.
2. Late assignments will **not** be accepted by this instructor.
3. Please communicate with me via email when possible. Telephone calls will be returned within 48 hours.
5. I will check my email daily and respond within a 24 hour period, Monday through Thursday. I do read email on the weekends, but may not have an opportunity to respond. Saturday and Sunday will be days that I will spend away from the classroom.

### ***Make-Up Test Policy***

Students are expected to adhere to the weekly schedule of assignments printed in the course syllabus. **You will only be permitted to makeup the final examination.** You will need to contact me to arrange to make up the test and it will be at my discretion.

### **EGLS<sub>3</sub>-Evaluation for Greater Learning Student Survey System**

At Houston Community College, professors believe that thoughtful student feedback is necessary to improve teaching and learning. During a designated time, you will be asked to answer a short online survey or research-based questions related to instruction. The anonymous results of the survey will be made available to your professors and division chairs for continual improvement of instruction. Look for the EGLD<sub>3</sub> as part of the Houston Community College Student System online near the end of the term.

### **INSTRUCTOR REQUIREMENTS:**

Students in the cosmetology operator candidate program are expected to be self-motivated individuals and to stay on task at all times. Students must be dressed professionally and appropriately in accordance with the department dress code and must wear a lab coat at all times. Students out of uniform will have to clock out for the class.

### **Make-up policy for missed assignments or tests:**

There will be no make-up for missed unit exams or daily work. Make-up for a missed mid-term or final test will be permitted **only if the student informs the instructor in advance. The student must make arrangements to take the missed test no later than 3 days after the original test date. It should be understood that the make-up test would not be the same as the test given to the student that took the test on the assigned date.**

**The Cosmetology Department does not guarantee that each student will acquire each learning competency nor acquire all the hours necessary to complete the program within a specified period of time.** Courses are scheduled at the discretion of the department and the availability of qualified faculty.

### **NOTE: STUDENTS WITH A CRIMINAL CONVICTION**

### **Guidelines for License Applicants with Criminal Convictions**

These guidelines are issued by the Texas Department of Licensing and Regulation (TDLR) pursuant to the **Texas Occupations Code, § 53.025(a)**. These guidelines describe the process by which TDLR determines whether a criminal conviction renders an applicant an unsuitable candidate for the license, or whether a conviction warrants revocation or suspension of a license previously granted. These guidelines present the general factors that are considered in all cases, and also the reasons why particular crimes are considered to relate to each type of license issued by TDLR.

Individuals may request TDLR review their criminal background *before* actually applying for a license. TDLR uses the same process for this pre-application evaluation as the process described below. See the **Criminal History Evaluation Letter page** for more information.

## **COSMETOLOGISTS**

### **Crimes involving prohibited sexual conduct or involving children as victims.**

*Reasons:*

1. Licensees have direct contact with members of the general public often in settings with no one else present.
2. A person with a predisposition for crimes involving prohibited sexual conduct or involving children as victims would have the opportunity to engage in further similar conduct.

### **Crimes against the person such as homicide, kidnapping and assault.**

*Reasons:*

1. Licensees have direct contact with persons in situations that have potential for confrontational behavior.
2. A person with a predisposition of a violent response would pose a risk to the public.

**You may contact TDLR at the following web address: <http://www.tdlr.state.tx.us/>**

## **CLASSROOM CONDUCT**

You are in college. You will be treated and respected as an adult. Because of the nature of discussion involved in this class, it is imperative that we respect each other's opinions and values. **Discipline problems are not tolerated.** Any discipline problem will be dealt with swiftly and permanently by removing the student from the class roster. This statement is the first and last that will ever be spoken on the topic.

## **PHONES, BEEPERS, PAGERS, TEXTING**

All electronic devices should be turned off or on vibrate during our class. If you have a home, family, or work situation that requires you to wear a beeper or cell phone, please discuss this with the instructor after the first class. Talking on a phone or texting while in class will **NOT** be tolerated under any circumstances.

## **THE IMPORTANCE OF A COLLEGE SYLLABUS**

Your syllabus in ANY college class is a roadmap to success. You should always keep your syllabi with your class notes AND BRING IT TO CLASS DAILY. Your syllabi are legal, binding documents or contracts between you and your instructor.

## **HCC Grading Scale:**

HCC uses the following grading system:

A (90-100/Excellent)..... 4 points per semester hour

|                         |                            |
|-------------------------|----------------------------|
| B (80-89/Good).....     | 3 points per semester hour |
| C (70-79/Fair).....     | 2 points per semester hour |
| D (60-69/Passing*)..... | 1 point per semester hour  |
| F (Failing).....        | 0 points per semester hour |
| IP (In Progress).....   | 0 points per semester hour |
| W (Withdrawn).....      | 0 points per semester hour |
| I (Incomplete).....     | 0 points per semester hour |
| AUD (Audit).....        | 0 points per semester hour |

### **Instructor Grading Criteria**

A. Practical examination

B. Written Examinations

C. Weekly progress achievement charts

D. Individual or group class projects

E. Situational observation by instructor (i.e. attendance, ethics

Conduct, and attitudes).

### **GRADE DETERMINATION:**

|                  |      |
|------------------|------|
| Unit Exams       | 10%  |
| Skill Objectives | 20%  |
| Texture Project  | 20 % |
| Attendance       | 30%  |
| Final Exam       | 20%  |

**There are NO curves.** Your grade is reflective of your efforts and achievements. If you are absent on the day of an assigned project or exercise, you will not be allowed to make up that exercise unless prior notice or a medical note is furnished. Your operational calendar details when projects are due. I will remind you in class; therefore, there is **NO GRACE period and late work is not acceptable.**



**Chemical Reformation (LAB)**  
**Fall Course Calendar 2014**

- Week 1** Rules and Regulations, Orientation,  
Receipt, Kit Check, Bag Check  
Syllabus and Course Outline  
Sign Rules and Regulations  
Safety and Sanitation (Cleaning, Disinfecting and Sterilizing)  
Theory
- Week 2** Client Protection (Draping)  
Sectioning  
End Wrap(s) Technique  
Basic Perm Wrap Technique
- Week 3** Structure & Purpose of hair layers  
Basic Perm Wrap  
Curvature Perm Wrap  
Theory
- Week 4** Theory  
Bricklay Perm Wrap  
Spiral Perm Wrap  
Porosity/Elasticity  
Maintenance Products
- Week 5** Litmus Paper Testing (Chapter 12)  
Basic Perm Wrap (Application of Product)  
Test Curl  
Check Bag
- Week 6** Safety and Sanitation  
Perm Tools (Loop Rods, Straight and Concave)  
Base Placement (Projection) 45 degrees, 90 degrees
- Week 7** Practical & Theory Review  
Croquinole, Spiral, Piggyback, On-base, Off-base, Half-off base
- Week 8** Mid-Term  
Written and Practical Exams
- Week 9** **Chemical Hair Relaxers**  
Hydroxide and Thio Relaxers  
Safety Precautions  
Hair and Scalp Analysis  
Client Consultation
- Week 10** Japanese Thermal Straighteners

- (Demonstration) Schedule fieldtrip  
Keratin Treatments
- Week 11** Sodium Hydroxide Relaxers (Theory)  
Mock Application (Cholesterol )  
Virgin Application  
Retouch Application
- Week 12 Soft Curl Permanent  
Thio Relaxers
- Week 13 Project (Mock Solution used) Speciality Perm Wraps  
Student will perform a Speciality Perm Wrap (using various materials for wrapping)  
A detailed explanation of wrapping method must be included of the technique and sections and sub-sections, etc....  
Students will be graded on creativity and originality.
- Week 14 Practicals Review  
Keratin Treatments
- Week 15 Practical Skills Review
- ❖ Hydroxide Relaxers
  - ❖ Curl Reforming
  - ❖ Thio Relaxers
- Practical Exam
- ❖ Basic Perm Wrap) Timed
  - ❖ Full-head Sodium Hydroxide Relaxer Application
- Week 16 Written Exam  
Clean out lockers  
Turn in grades