



Houston Community College

Consumer Arts & Sciences Center of Excellence

CSME 1453

Chemical Reformation

Semester	Spring 2018
CRN	54383
Instructor Contact	Lemurle W. Garrett
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Office Hours	Tuesday (By appointment Only)
Course Hours	Monday & Tuesday/12:15 noon-4:00 pm

2 Lecture, 7 Lab. Hours (144 contact hours)

Course Description:

Course Description: Presentation of the theory and practice of chemical reformation including terminology, application, and workplace competencies. This course is a 2 lecture and 8 lab hours (144 contact hours). Students will receive 4 semester credit hours upon successful completion of the course.

Course Focus:

This program has been developed to train the students and build their skill, proficiency and confidence in texture design. It includes the theory that gives logic to guide their decisions; procedures and

techniques to produce predictable results. This module trains a student to think and communicate clearly with clients

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.

Academic Prerequisites

College ready reading

Co-Requisites:

CSME 1491, CSME 1410 and CSME 1405

Text and References:

Milady Standard Textbook of Cosmetology 13th Edition
Cengage Learning ISBN#-13: 9781285769417

Study Guide: The Essential Companion

ISBN-13: 9781285769639

Theory Workbook

ISBN-13: 9781285769455

Exam Review

ISBN-13: 9781285769554

Texas Department of Licensing and Regulation Cosmetologist Rule Book

Suggested Reference:

Creative Learning in Cosmetology- Haircutting

CLIC International ISBN # 978-0-9778242-0-5

Course Competencies:

This course is designed to assist the student in obtaining the following competencies:

1. The Possibilities of Texture
 - a. Identify the types of texture transformation that are possible when working with hair. (SCANS)
 - b. Explain the differences between activated and unactivated surface appearance.
 - c. Compare the characteristics of straight, wavy, curly and tightly curled hair
 - d. Summarize a series of design decisions that will lead to a desired texture result.
 - e. Compare the changes in volume that occur when adding or reducing texture
2. Basic Perming
 - a. Describe the five procedural steps used to create predictable perm results.
 - b. Describe the effects of the four different tool position options.
 - c. Explain the importance of guidelines for maintaining the integrity of the hair when perming.
 - d. Demonstrate the knowledge and ability to perform the five most widely used perm patterns.
3. Advanced Perming
 - a. List the seven advanced techniques for the placement of added texture in perm designs.
 - b. Describe three guidelines that hair designers can follow to ensure predictable results.
 - c. Demonstrate proficiency in performing zonal and freeform perm patterns.
 - d. Explain texture design results achieved with zonal and freeform patterns.
4. Basic Relaxing

- a. Describe the five steps to creating predictable relaxing results.
 - b. Explain the guidelines used for successful client-centered relaxer services.
 - c. Demonstrate a curl diffusion service.
 - d. Demonstrate both a virgin and retouch *thio* relaxer service.
 - e. Demonstrate both a virgin and retouch sodium hydroxide relaxer service.
5. Advanced Relaxing
- a. Identify the steps to achieving predictable thermal reconditioning results.
 - b. Describe the guidelines for ensuring client-centered results when performing thermal reconditioning.
 - c. Demonstrate the ability to perform both a virgin and a retouch thermal reconditioning service.
 - d. Identify the steps to achieving predictable curl reformation results.
 - e. Describe the guidelines for ensuring client-centered results when performing curl reformation.
 - f. Demonstrate the ability to perform both a virgin and a retouch curl reformation service.
6. Permanent Waving Essentials
- a. History of Perming
 - b. Perm Theory
 - c. Perming Essentials
 - d. Infection Control and Safety Procedures
 - e. Client Consultation

Student Learning Outcomes:

- 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.
- Demonstrate the correct procedure for a chemical relaxer service on a model observing all safety and sanitation guidelines within an hour time frame with a minimum score of 80%.

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.

CSME 1453 Teaching Plan

Week	Topic	Materials Covered	Clock Hours	Credit Hours
1	Orientation, State Rules, Regulations	Career Information, State Laws & Regulations, Safety and Sanitation, client protection	5	.25
2	Shampoo and Related Theory	Safety & sanitation procedures Different draping techniques & hair analysis	15	0.25
3-10	Cold Waving and Related	Chemical services, effects to hair structure & importance of pH in texture services Preliminary tests for chemical services & effects to hair structure Proper techniques & basic wraps Application, processes & techniques Different permanent waves &	71	1.0

		processes Exam information & candidate information bulletin (CIB)		
11-13	Chemistry	Chemistry of permanent waving Recognize how the science of chemistry influences cosmetology	41	1.0
14-16	Chemical Hair Relaxing and Related Theory	Demonstrating proper techniques & draping Chemical service & effects to hair structure, relaxer strength & safety precautions Virgin hair, applications, exam information, candidate information bulletin (CIB) & requirements	22	1.5
		Hours	144	4

STATEMENT OF FOUNDATION SKILLS AND WORKPLACE COMPETENCIES (SCAN SKILLS)

A study was conducted for the Department of Labor by the American Society for Training and Development which identified the seven skills United States employers want most in entry level employees. These skills are motivation to learn, basic skills, communication, teamwork, critical thinking, career development and leadership.

HCCS is committed to preparing every student with the knowledge and skills needed to succeed in today’s dynamic work environment.

Towards this ends, the following skills will be included in this course. Testing and assessing these skills will vary according to the individual instructor. The following are examples of how these skills may be incorporated into this course.

SCANS COMPETENCIES EMPHASIZED IN THIS SYLLABUS:

SCANS COMPETENCIES ADDRESSED IN THIS COURSE:

SCANS Matrix

A. Three Part Foundation	Yes	No
Basic Skills – Reads, writes, performs arithmetic and mathematical operations Listens and speaks		
Thinking Skills – Thinks creatively, makes decisions, solves problems, visualizes, Knows how to learn and reasons		
Personal Qualities – Displays responsibility, self-esteem, sociability, self-management And integrity and honesty		
B. Five Workplace Competencies		
Resources – Identifies, organizes, plans and allocates resources		
Interpersonal – Works with others, , participates as a team member, teaches work-related content		
Information – Acquires and uses and evaluates relevant information I		
Systems – Understands complex inter-relationships		
Technology – Works with a variety of technologies		

ASSESSMENT OF STUDENT COMPETENCIES:

- 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: To be determined by the individual instructor

	20%
Unit Exams	
Skill Objectives	30%
Special Assignments	10%
Attendance	20%
Final Exam	20%

GRADE RANGE:

90-100 A

80-89 B

70-79 C

60-69 D

Below 60, student will repeat the course.

LAB ASSIGNMENTS:

Students in this course are expected to participate fully in the lab exercises assigned to them. They are to read and follow instructions carefully especially in relation to safety and sanitation precautions.

Failure to complete lab assignments could result in a reduction of semester grade.

ATTENDANCE POLICY:

Students are expected to attend class daily and be on time. Any students absent from class in excess of 12.5 percent of the hours of instruction will be dropped from the course (including lecture and laboratory time). Students arriving late to class will not be allowed to clock in. Ten points will be deducted for the first day absent from class and 5 for each day thereafter from the attendance grade.

Make-up Policy

Make up for excused absences are scheduled on the 2nd Friday of each month. Student must bring missed assignment for the instructor of record to be allowed in the lab.

WITHDRAWALS:

It is the responsibility of the student to withdraw officially from a course to keep from receiving an "F" for the class.

DRESS CODE:

Students must be in proper dress code while in the lab and classroom at all times. Proper dress is as follows:

Black scrubs)
Black, ¾ length professional type lab coat (available at College bookstore)
Black shoes (nursing type) no sandals or backless shoes
Hose or socks must be worn

Students who are not in proper uniform will not be allowed to clock in

Cell Phones and Pagers

Cell phones and pagers are not permitted in the lab. If you have an emergency situation and must carry your cell phone, put the ringer on vibrate and ask your instructor for permission to step out of the lab to answer your call. **This is for emergency situations only** (i.e. Sick child or family emergency) students violating this rule will be placed on disciplinary probation and could be asked to sit out of class for 3 days.

Canceling a Class

Every effort is made to begin and hold class at the designated time. Each class is contingent of the required minimum number of students. Occasionally, extenuating circumstances arise requiring a cancellation or delay. In such cases, we attempt to notify all students by

telephone. Make sure that the department has a current phone or an alternate number where you can be reached. Houston Community College reserves the right when necessary to cancel classes, alter schedules or substitute instructors. Students are not notified if a class has made. Students are contacted only in the event of a class cancellation or change.

SCHOLASTIC DISHONETY AND CLASSROOM CONDUCT:

Students are expected to conduct themselves with honor and integrity in fulfilling the course requirements. Any student found cheating on a test, plagiarizing or in collusion will receive an "F" for the assignment and the course and will be dropped from the program. See student handbook for college policy on academic dishonesty and disciplinary problems. This level of development in a students' training is crucial to their professional development and success; any student that is disruptive or disrespectful will be dismissed from the program. Students on the client floor are expected to conduct themselves in a professional manner. Loud boisterous conduct or refusing to serve a client will constitute grounds for dismissal from the program.

Make-up policy for missed assignments or tests:

There will be no make-up for missed unit exams. 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 rest of the student body.**

Students with Disabilities

HCCS has a Disability Support psychological counselor and office located at each of its five colleges. Students with physical and

learning/developmental disabilities may request accommodations and special equipment through these offices. For specific program information, locations and procedures to receive accommodations and equipment see the Student Handbook and Class Schedule.

HCC Policy Statements

Access Student Services Policies on their Web site:

<http://central.hccs.edu/students/student-handbook/>

Access DE Policies on their Web site:

All students are responsible for reading and understanding the DE Student Handbook, which contains policies, information about conduct, and other important information. For the DE Student Handbook click on the link below or go to the DE page on the HCC website.

The **Distance Education Student Handbook** contains policies and procedures unique to the DE student. Students should have reviewed the handbook as part of the mandatory orientation. It is the student's responsibility to be familiar with the handbook's contents. The handbook contains valuable information, answers, and resources, such as DE contacts, policies and procedures (how to drop, attendance requirements, etc.), student services (ADA, financial aid, degree planning, etc.), course information, testing procedures, technical support, and academic calendars. Refer to the DE Student Handbook by visiting this link:

<http://de.hccs.edu/media/houston-community-college/distance-education/student-services/DE-Student-Handbook.pdf>

Title IX

Title IX of the Education Amendments of 1972 requires that institutions have policies and procedures that protect students' rights with regard to sex/gender discrimination. Information regarding these rights are on the HCC website under Students-Anti-discrimination. Students who are pregnant and require accommodations should contact any of the ADA Counselors for assistance.

It is important that every student understands and conforms to respectful behavior while at HCC. Sexual misconduct is not condoned and will be addressed promptly. Know your rights and how to avoid these difficult

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situations by logging in from your HCC student email account, go to www.edurisksolutions.org Go to the button at the top right that says **Login** and click. Enter your student number.

Access CE Policies on their Web site:

<http://www.hccs.edu/continuing-education/>

STUDENTS WITH CRIMINAL OFFENSE RECORD

House Bill 1508

Students with a criminal history should contact TDLR at <https://www.tdlr.texas.gov/crimHistoryEval.htm> to request a criminal history evaluation letter, regardless of whether or not they have been convicted of a criminal offense.
