



## COURSE OUTLINE: HSP137 - CHEM TEXT 3

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Approved: Karen Hudson - Dean

<b>Course Code: Title</b>	HSP137: CHEMICAL TEXTURE 3
<b>Program Number: Name</b>	1054: HAIRSTYLING
<b>Department:</b>	HAIRSTYLIST
<b>Academic Year:</b>	2025-2026
<b>Course Description:</b>	This course will study types of curl patterns and how to care for natural curly hair texture. Students will learn the history of chemical relaxers and their evolution of product ingredients and applications. Students will develop an understanding of chemical relaxer products used to smooth and restructure curls. They will recognize the chemical content and its relation to hair structure as a continuation of learning from Permanent Wave 1 and 2. In this course students will apply keratin, hydroxide and ammonium thioglycolate relaxers to compare each category's results for smoothness, maintenance and longevity. Delivery includes experience in salon services.
<b>Total Credits:</b>	8
<b>Hours/Week:</b>	8
<b>Total Hours:</b>	112
<b>Prerequisites:</b>	HSP127
<b>Corequisites:</b>	There are no co-requisites for this course.
<b>Vocational Learning Outcomes (VLO's) addressed in this course:</b>	<b>1054 - HAIRSTYLING</b>
<b>Please refer to program web page for a complete listing of program outcomes where applicable.</b>	VLO 10 Ability to chemically relax hair by selecting and applying relevant knowledge of, and skills with, chemical products and techniques in order to meet the needs and expectation of the client.
<b>Essential Employability Skills (EES) addressed in this course:</b>	EES 11 Take responsibility for ones own actions, decisions, and consequences.
<b>Course Evaluation:</b>	Passing Grade: 50%, D  A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.
<b>Books and Required Resources:</b>	Cosmetology and Foundations bundle by Milady Publisher: Milady Binding ISBN: 9780357871492  Workbook package by Milady Publisher: Milady Binding ISBN: 9780357922170



Hairstyling Supply Kit available for purchase in the bookstore

**Course Outcomes and Learning Objectives:**

<b>Course Outcome 1</b>	<b>Learning Objectives for Course Outcome 1</b>
1. Compare the chemistry and results of major chemical straightening systems.	1.1 Differentiate between ammonium thioglycolate (ATG), hydroxide, keratin-based, and thermal smoothing systems. 1.2 Describe the chemical action, ideal candidates, and results of each system. 1.3 Evaluate risks, limitations, and aftercare needs based on hair type and product.
<b>Course Outcome 2</b>	<b>Learning Objectives for Course Outcome 2</b>
2. Prepare clients and workstations for safe and effective relaxing services.	2.1 Conduct consultations that assess scalp condition, porosity, previous treatments, and desired outcomes 2.2 Select appropriate products, tools, and protective measures. 2.3 Organize tools and prepare stations for efficient infection control.
<b>Course Outcome 3</b>	<b>Learning Objectives for Course Outcome 3</b>
3. Perform hydroxide relaxer and thermal straightening services with attention to timing and texture.	3.1 Apply hydroxide relaxer and smoothing systems following manufacturer directions. 3.2 Monitor timing and processing across zones to ensure consistent results. 3.3 Adjust technique and processing approach for different hair textures and sensitivities. 3.4 Follow timing standards to ensure service efficiency and industry-readiness.
<b>Course Outcome 4</b>	<b>Learning Objectives for Course Outcome 4</b>
4. Follow post-service and home care procedures to maintain hair integrity.	4.1 Educate clients on aftercare instructions and maintenance timelines. 4.2 Recommend supportive products for home use for both styling and maintenance. 4.3 Recognize signs of damage and suggest follow-up care strategies.
<b>Course Outcome 5</b>	<b>Learning Objectives for Course Outcome 5</b>
5. Identify the tools and equipment required for a chemical relaxing procedure.	5.1 Distinguish between the four basic methods of application: virgin relaxer application, relaxer retouch application, partial relaxer, curl diffusion 5.2 Identify personal protective equipment required for procedure 5.3 Identify safety equipment required to protect client

**Evaluation Process and Grading System:**

<b>Evaluation Type</b>	<b>Evaluation Weight</b>
Assignments	10%
Employability skills	30%



	Milady workbook	10%
	Practical skills	30%
	Quizzes and exam	20%

**Date:**

June 17, 2025

**Addendum:**

Please refer to the course outline addendum on the Learning Management System for further information.

