



COURSE OUTLINE: HSP137 - CHEM TEXT 3

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Approved: Karen Hudson, Dean, Community Services and Interdisciplinary Studies

Course Code: Title	HSP137: CHEMICAL TEXTURE 3
Program Number: Name	1054: HAIRSTYLING
Department:	HAIRSTYLIST
Academic Year:	2024-2025
Course Description:	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.
Total Credits:	8
Hours/Week:	8
Total Hours:	112
Prerequisites:	HSP127
Corequisites:	There are no co-requisites for this course.
Vocational Learning Outcomes (VLO's) addressed in this course:	1054 - HAIRSTYLING
Please refer to program web page for a complete listing of program outcomes where applicable.	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.
Essential Employability Skills (EES) addressed in this course:	EES 11 Take responsibility for ones own actions, decisions, and consequences.
Course Evaluation:	Passing Grade: 50%, D A minimum program GPA of 2.0 or higher where program specific standards exist is required for graduation.
Books and Required Resources:	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:

Course Outcome 1	Learning Objectives for Course Outcome 1
1. Describe the effect of each of the chemical texture processes on all layers of the hair.	1.1 Identify the three layers of the hair 1.2 Differentiate between the physical and chemical action on the hair 1.3 Describe the chemical reformation action on the three layers of hair through use of chemical texture products, including: chemical hair relaxers and curl reformation products 1.4 Describe the neutralizing process for each chemical texture service in relation to the hair and their effects on the three layers of the hair
Course Outcome 2	Learning Objectives for Course Outcome 2
2. Perform preparatory steps for chemical texture service procedure.	2.1 Analyze hair and scalp 2.2 Identify length, texture, porosity, elasticity, density and natural growth patterns 2.3 List the safety issues that result from existing scalp abrasions or disorders 2.4 Identify desired hair texture (curl or straight) 2.5 Determine the product and service based on analysis of hair and client feedback 2.6 Perform a strand test to determine strength of product and timing of service 2.7 Prepare client for chemical texture service
Course Outcome 3	Learning Objectives for Course Outcome 3
3. Interpret consultation results to determine type of chemical texture service to be performed.	3.1 Identify types of curls and characteristics of curly, wavy and extremely curly hair 3.2 Identify hair characteristics such as density, texture, porosity and elasticity 3.3 Differentiate between chemical relaxer product categories and performance limitations 3.4 Describe maintenance procedures and home care requirements
Course Outcome 4	Learning Objectives for Course Outcome 4
4. Explain and apply the relevant knowledge for the selection of chemical relaxing products, tools and application methods.	4.1 Identify the various types of relaxers, including: sodium hydroxide, ammonium thioglycolate, no-lye and lye relaxers 4.2 Identify and describe the features of relaxing products 4.3 Recognize the function and capabilities of each relaxing product 4.4 Describe the advantages and disadvantages of various relaxing products 4.5 Distinguish the varying strengths of chemical relaxers with their desired results
Course Outcome 5	Learning Objectives for Course Outcome 5
5. Identify the tools and equipment required for a	5.1 Distinguish between the four basic methods of application: virgin relaxer application, relaxer retouch application, partial



	chemical relaxing procedure.	relaxer, curl diffusion 5.2 Identify personal protective equipment required for procedure 5.3 Identify safety equipment required to protect client
	Course Outcome 6	Learning Objectives for Course Outcome 6
	6. Perform procedural steps to complete chemical texture services.	6.1 Distinguish between the four basic methods of application: virgin relaxer application, relaxer retouch application, partial relaxer, curl diffusion 6.2 Identify personal protective equipment required for procedure 6.3 Identify safety equipment required to protect client 6.4 Perform procedural steps to complete chemical texture services. 6.5 Locate and follow manufacturer`s directions for preparation of chemical texture service 6.6 Demonstrate pre-service treatments/hair preparation 6.7 Select appropriate tools for service 6.8 Section and sub-section hair for control during service 6.9 Demonstrate hand and tool manipulation techniques 6.10 Apply protective cream 6.11 Apply specific chemical texture product as per desired outcome 6.12 Time process based on manufacturer`s instructions 6.13 Perform visual inspection 6.14 Apply neutralizing product 6.15 Demonstrate proper rinsing procedures 6.16 Select and apply finishing product according to manufacturer`s specifications

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight
Assignments	10%
Employability skills	20%
Milady workbook	10%
Practical evaluation	20%
Quizzes and exam	20%
Salon services	20%

Date: July 17, 2024

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