



El Camino College
COURSE OUTLINE OF RECORD – Official

Course Acronym:	COSM
Course Number:	16
Descriptive Title:	Cosmetology Applications
Division:	Industry and Technology
Department:	Cosmetology
Course Disciplines:	Cosmetology
Catalog Description:	This course covers the study of intermediate principles, procedures, techniques and practical operations of cosmetology equipment. It is designed as an intensive, multidisciplinary workshop in the most common cosmetology processes. Lectures center on the theories of the practice of cosmetology and their applications. Laboratory work is designed to provide the student with a forum for development of intermediate cosmetology skills, techniques, safety practices and sanitation procedures.
Prerequisite:	Cosmetology 1 or Cosmetology 10 and Cosmetology 11 with a minimum grade of C in prerequisite or equivalent
Co-requisite:	
Recommended Preparation:	
Enrollment Limitation:	
Hours Lecture (per week):	1.5
Hours Laboratory (per week):	7.5
Outside Study Hours:	3
Total Course Hours:	162
Course Units:	3
Grading Method:	Letter Grade only
Credit Status:	Credit, degree applicable
Transfer CSU:	Yes
Effective Date:	1/22/2002
Transfer UC:	No
Effective Date:	
General Education: ECC	
Term:	
Other:	
CSU GE:	

	Term:	
	Other:	
	IGETC:	
	Term:	
	Other:	
Student Learning Outcomes:	SLO #1 Shampooing Given demonstration, instruction in procedures, lab practice, in shampooing, rinsing and conditioning, students will be able to explain the importance of pH and surfactants in shampoos. Perform proper draping, scalp manipulations, and demonstrate proper shampoo and conditioning procedures. SLO #2 Chemical Products Students will identify potential chemical hazards in products used for cosmetology service used to protect client and cosmetologist. Students will compare and contrast the chemical hazards and list them. SLO #3 Acrylic Nails Students will apply acrylic product to a client's nails following manufacturer's directions. Students will perform techniques approved by the State Board of Barbering and Cosmetology and will list the techniques used in the nail service.	
Course Objectives:	1. Correctly answer objective questions on cosmetology safety practices and sanitation procedures. 2. Demonstrate the methods of wrapping a permanent wave. 3. Demonstrate the procedures used in hair cutting to perform basic sectionings, scissor, razor and clipper cutting. 4. Formulate various types of hair lighteners and tints used on bleached hair. 5. Demonstrate the methods used in relaxing hair. 6. Describe the steps used in thermal curling, ridge curls and stand up curls.	
Major Topics:	I. PRINCIPLES OF WET AND THERMAL STYLING (2 hours, lecture) A. Safety practices B. Sanitation C. Implements D. Comb-out procedure E. Thermal pressing and curling F. Use of rectangular, triangular, arc and square bases in pin curling G. Back-combing and back-brushing techniques H. Thermal curling of long hair and spiral curling I. Blow dry styling II. PRINCIPLES OF WET AND THERMAL STYLING (18 hours, lab)	

- A. Safety practices
- B. Sanitation
- C. Implements
- D. Comb-out procedure
- E. Thermal pressing and curling
- F. Use of rectangular, triangular, arc and square bases in pin curling
- G. Back-combing and back-brushing techniques
- H. Thermal curling of long hair and spiral curling
- I. Blow dry styling

III. PRINCIPLES OF PERMANENT WAVING (4 hours, lecture)

- A. Safety practices
- B. Sanitation
- C. Action of chemicals
- D. Curling rods
- E. Applications of solutions
- F. Processing
- G. Neutralizing
- H. Double halo
- I. Straight back and dripped crown method
- J. Various uses of different processing neutralizing methods

IV. PRINCIPLES OF PERMANENT WAVING (16 hours, lab)

- A. Safety practices
- B. Sanitation
- C. Action of chemicals
- D. Curling rods
- E. Applications of solutions
- F. Processing
- G. Neutralizing
- H. Double halo
- I. Straight back and dripped crown method
- J. Various uses of different processing neutralizing methods

V. PRINCIPLES OF CHEMICAL RELAXING (4 hours, lecture)

- A. Safety practices
- B. Sanitation
- C. Chemical applications
 - 1. Sodium hydroxide
 - 2. Ammonium thioglycolate
 - 3. Strand test
 - 4. Sodium hydroxide retouch
 - 5. Ammonium thioglycolate retouch

VI. PRINCIPLES OF CHEMICAL RELAXING (16 hours, lab)

- A. Safety practices
- B. Sanitation
- C. Chemical applications

1. Sodium hydroxide
2. Ammonium thioglycolate
3. Strand test
4. Sodium hydroxide retouch
5. Ammonium thioglycolate retouch

VII. PRINCIPLES OF HAIR CUTTING (4 hours, lecture)

- A. Safety practices
- B. Sanitation
- C. Implements
- D. Basic sectioning
- E. Scissor cutting
- F. Razor cutting
- G. Clipper cutting - wet, dry, effiliating, feather edge, thinning guide line, blunt and slither cutting

VIII. PRINCIPLES OF HAIR CUTTING (17 hours, lab)

- A. Safety practices
- B. Sanitation
- C. Implements
- D. Basic sectioning
- E. Scissor cutting
- F. Razor cutting
- G. Clipper cutting - wet, dry, effiliating, feather edge, thinning guide line, blunt and slither cutting

IX. PRINCIPLES OF HAIR COLORING AND BLEACHING (4 hours, lecture)

- A. Safety practices
- B. Sanitation
- C. Permanent hair color
- D. Temporary hair color
- E. Bleaching
- F. Streaking
- G. Color-filler
- H. Highlighting

X. PRINCIPLES OF HAIR COLORING AND BLEACHING (18 hours, lab)

- A. Safety practices
- B. Sanitation
- C. Permanent hair color
- D. Temporary hair color
- E. Bleaching
- F. Streaking
- G. Color-filler
- H. Highlighting

XI. PRINCIPLES OF FACIAL TREATMENTS (3 hours, lecture)

- A. Safety practices
- B. Sanitation
- C. Plain facial
- D. Nerve points
- E. Arching
- F. Masks

XII. PRINCIPLES OF FACIAL TREATMENTS (17 hours, lab)

- A. Safety practices
- B. Sanitation
- C. Plain facial
- D. Nerve points
- E. Arching
- F. Masks

XIII. PRINCIPLES OF MANICURING AND PEDICURING (3 hours, lecture)

- A. Safety practices
- B. Sanitation
- C. Massage
- D. Nail repair
- E. Artificial nails
- F. Removal of artificial nails
- G. Repair of broken build-on nails

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XV. PRINCIPLES OF SCALP TREATMENTS (3 hours, lecture)

- A. Safety practices
- B. Sanitation
- C. Manipulations
- D. Types of treatments for dandruff, dry scalp, oily scalp, alopecia, alopecia areata and fragilitas crinium

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- C. Manipulations
- D. Types of treatments for dandruff, dry scalp, oily scalp, alopecia, alopecia areata and fragilitas crinium

Total Lecture Hours:	27
Total Laboratory Hours:	135
Total Hours:	162
Primary Method of Evaluation:	3) Skills demonstration
Typical Assignment Using Primary Method of Evaluation:	Determine the optimum application for a hair relaxer on a client. Select, formulate and apply the product on client. After hair relaxer has processed, consult the instructor.
Critical Thinking Assignment 1:	Analyze the appearance of a client prior to a hair coloring service. Record your analysis on a client data card and recommend the services to be performed to achieve the client's desired results. Submit client card to instructor.
Critical Thinking Assignment 2:	Perform a one length haircut on a gloria head. Style the haircut and critique the finished task by giving an oral report to instructor.
Other Evaluation Methods:	Performance Exams Multiple Choice True/False Laboratory Reports
Instructional Methods:	Demonstration, Guest Speakers, Lab, Lecture, Multimedia presentations
If other:	
Work Outside of Class:	Problem solving activity, Required reading, Study
If Other:	Students are in class from 5:00 pm to 10:00 pm - Monday thru Thursday. Because they are in lab for a long period of time, we do not assign a large of volume of homework. Many of our students work during the day. 1 hour of outside work is sufficient to keep up with this course.
Up-To-Date Representative Textbooks:	Milady. <u>Milady Standard Cosmetology</u> . 14 th edition. Cengage. 2023 Milady. <u>Standard Foundations</u> . Cengage. 2020
Alternative Textbooks:	BarberCosmo – State Board of Barbering and Cosmetology. <u>Acts and Regulations</u> . California State Board of Barbering and Cosmetology. 2025 - Handouts
Required Supplementary Readings:	
Other Required Materials:	Blow dryer Brushes: Denman, vent, styling Clips: coif (box of 12), curl (box of 100) Combs: finger wave, haircutting, styling, tail Curling iron Cuticle nipper with case Emery board (box of 5) Gloves, rubber Mannequin head Hair shaper with blades

	Pressing comb, Marcel curling irons Electric curling iron Orange wood sticks Nail: brush, file, tips, wrap kit Nail polish kit Notebook, paper, pen, pencil Perm rods (5 dozen) Roller bag Shampoo cape Shears: haircutting, thinning, razor Shoes, black Smock, black Spatula Stand Steel Pusher Triangle net Tweezers Facial kit, Make up Hair removal kit
Requisite:	Prerequisite
Category:	sequential
Requisite course(s): List both prerequisites and corequisites in this box.	Cosmetology- 1 or Cosmetology- 10 AND Cosmetology- 11
Requisite and Matching skill(s):Bold the requisite skill. List the corresponding course objective under each skill(s).	Ability to perform a layer cut using advanced techniques such as notching the hair. COSM 1 - Demonstrate the basic techniques of hair cutting. COSM 10 - Discuss the techniques used in layered haircuts. COSM 11 - Demonstrate a basic haircut. Ability to use the principle of wet and thermal styling on a client. COSM 1 - Identify the principles of wet and thermal settings. COSM 10 - Apply the principles of thermal styling on a gloria head. COSM 11 - Apply the principles of thermal styling. Ability to customize solution used in a permanent wave on a client. COSM 1 - Demonstrate the techniques of permanent waving.

	COSM 10 - Demonstrate the techniques of permanent waving. COSM 11 - Demonstrate the techniques of permanent waving with increased proficiency.
Requisite Skill:	or equivalent
Requisite Skill and Matching Skill(s): Bold the requisite skill(s). If applicable	If a student has not taken Cosmetology 1 or 10 and 11 but has taken an equivalent course at another junior college, the student is prepared to take this course. If the student has acquired approximately 500 hours of cosmetology experience from a beauty school, the student is prepared to take this course. If students do not have beginning cosmetology experience, they will not succeed in this course.
Requisite course:	
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	
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Enrollment Limitations and Category:	
Enrollment Limitations Impact:	
Course Created by:	Patricia Gebert
Date:	09/11/2015
Original Board Approval Date:	01/22/2002
Last Reviewed and/or Revised by:	Charlene Brewer-Smith
Date:	04/30/2025
Last Board Approval Date:	06/26/2025 effective FA 2026