



# El Camino College

## COURSE OUTLINE OF RECORD - Official

### I. GENERAL COURSE INFORMATION

**Subject and Number:** Cosmetology 16  
**Descriptive Title:** Cosmetology Applications

**Course Disciplines:** Cosmetology

**Division:** Industry and Technology

**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 application. Laboratory work is designed to provide the student with a forum for development of intermediate cosmetology skills, techniques, safety practices and sanitation procedures.

**Conditions of Enrollment:**

**Prerequisite**  
 Cosmetology 1 or  
 Cosmetology 10  
 with a minimum grade of C in prerequisite  
 or  
 equivalent

**Course Length:**  Full Term  Other (Specify number of weeks):  
**Hours Lecture:** 1.50 hours per week  TBA  
**Hours Laboratory:** 7.50 hours per week  TBA  
**Course Units:** 3.00

**Grading Method:** Letter  
**Credit Status:** Associate Degree Credit

**Transfer CSU:**  Effective Date: 1/22/2002  
**Transfer UC:**  No

**General Education:**  
**El Camino College:**

---

CSU GE: \_\_\_\_\_

IGETC: \_\_\_\_\_

## II. OUTCOMES AND OBJECTIVES

### **A. COURSE STUDENT LEARNING OUTCOMES (The course student learning outcomes are listed below, along with a representative assessment method for each. Student learning outcomes are not subject to review, revision or approval by the College Curriculum Committee)**

1. 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
2. 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.
3. 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.

The above SLOs were the most recent available SLOs at the time of course review. For the most current SLO statements, visit the El Camino College SLO webpage at <http://www.elcamino.edu/academics/slo/>.

### **B. Course Student Learning Objectives (The major learning objective for students enrolled in this course are listed below, along with a representative assessment method for each)**

1. Correctly answer objective questions on cosmetology safety practices and sanitation procedures.  
Multiple Choice
2. Demonstrate the methods of wrapping a permanent wave.  
Class Performance
3. Demonstrate the procedures used in hair cutting to perform basic sectionings, scissor, razor and clipper cutting.  
Class Performance
4. Formulate various types of hair lighteners and tints used on bleached hair.  
Laboratory reports
5. Demonstrate the methods used in relaxing hair.  
Oral exams
6. Describe the steps used in thermal curling, ridge curls and stand up curls.  
Performance exams

**III. OUTLINE OF SUBJECT MATTER (Topics are detailed enough to enable a qualified instructor to determine the major areas that should be covered as well as ensure consistency from instructor to instructor and semester to semester.)**

Lecture or Lab	Approximate Hours	Topic Number	Major Topic
Lecture	2	I	<p><b>PRINCIPLES OF WET AND THERMAL STYLING</b></p> <ul style="list-style-type: none"> <li>A. Safety practices</li> <li>B. Sanitation</li> <li>C. Implements</li> <li>D. Comb-out procedure</li> <li>E. Thermal pressing and curling</li> <li>F. Use of rectangular, triangular, arc and square bases in pin curling</li> <li>G. Back-combing and back-brushing techniques</li> <li>H. Thermal curling of long hair and spiral curling</li> <li>I. Blow dry styling</li> </ul>
Lab	18	II	<p><b>PRINCIPLES OF WET AND THERMAL STYLING</b></p> <ul style="list-style-type: none"> <li>A. Safety practices</li> <li>B. Sanitation</li> <li>C. Implements</li> <li>D. Comb-out procedure</li> <li>E. Thermal pressing and curling</li> <li>F. Use of rectangular, triangular, arc and square bases in pin curling</li> <li>G. Back-combing and back-brushing techniques</li> <li>H. Thermal curling of long hair and spiral curling</li> <li>I. Blow dry styling</li> </ul>
Lecture	4	III	<p><b>PRINCIPLES OF PERMANENT WAVING</b></p> <ul style="list-style-type: none"> <li>A. Safety practices</li> <li>B. Sanitation</li> <li>C. Action of chemicals</li> <li>D. Curling rods</li> <li>E. Applications of solutions</li> <li>F. Processing</li> <li>G. Neutralizing</li> <li>H. Double halo</li> <li>I. Straight back and dripped crown method</li> <li>J. Various uses of different processing neutralizing methods</li> </ul>
Lab	16	IV	<p><b>PRINCIPLES OF PERMANENT WAVING</b></p> <ul style="list-style-type: none"> <li>A. Safety practices</li> <li>B. Sanitation</li> <li>C. Action of chemicals</li> </ul>

			<ul style="list-style-type: none"> <li>D. Curling rods</li> <li>E. Applications of solutions</li> <li>F. Processing</li> <li>G. Neutralizing</li> <li>H. Double halo</li> <li>I. Straight back and dripped crown method</li> <li>J. Various uses of different processing neutralizing methods</li> </ul>
Lecture	4	V	<b>PRINCIPLES OF CHEMICAL RELAXING</b> <ul style="list-style-type: none"> <li>A. Safety practices</li> <li>B. Sanitation</li> <li>C. Chemical applications <ul style="list-style-type: none"> <li>1. Sodium hydroxide</li> <li>2. Ammonium thioglycolate</li> <li>3. Strand test</li> <li>4. Sodium hydroxide retouch</li> <li>5. Ammonium thioglycolate retouch</li> </ul> </li> </ul>
Lab	16	VI	<b>PRINCIPLES OF CHEMICAL RELAXING</b> <ul style="list-style-type: none"> <li>A. Safety practices</li> <li>B. Sanitation</li> <li>C. Chemical applications <ul style="list-style-type: none"> <li>1. Sodium hydroxide</li> <li>2. Ammonium thioglycolate</li> <li>3. Strand test</li> <li>4. Sodium hydroxide retouch</li> <li>5. Ammonium thioglycolate retouch</li> </ul> </li> </ul>
Lecture	4	VII	<b>PRINCIPLES OF HAIR CUTTING</b> <ul style="list-style-type: none"> <li>A. Safety practices</li> <li>B. Sanitation</li> <li>C. Implements</li> <li>D. Basic sectioning</li> <li>E. Scissor cutting</li> <li>F. Razor cutting</li> <li>G. Clipper cutting - wet, dry, effiliating, feather edge, thinning guide line, blunt and slither cutting</li> </ul>
Lab	17	VIII	<b>PRINCIPLES OF HAIR CUTTING</b> <ul style="list-style-type: none"> <li>A. Safety practices</li> <li>B. Sanitation</li> <li>C. Implements</li> <li>D. Basic sectioning</li> <li>E. Scissor cutting</li> <li>F. Razor cutting</li> </ul>

			G. Clipper cutting - wet, dry, effiliating, feather edge, thinning guide line, blunt and slither cutting
Lecture	4	IX	<b>PRINCIPLES OF HAIR COLORING AND BLEACHING</b> A. Safety practices B. Sanitation C. Permanent hair color D. Temporary hair color E. Bleaching F. Streaking G. Color-filler H. Highlighting
Lab	17	X	<b>PRINCIPLES OF HAIR COLORING AND BLEACHING</b> A. Safety practices B. Sanitation C. Permanent hair color D. Temporary hair color E. Bleaching F. Streaking G. Color-filler H. Highlighting
Lecture	3	XI	<b>PRINCIPLES OF FACIAL TREATMENTS</b> A. Safety practices B. Sanitation C. Plain facial D. Nerve points E. Arching F. Masks
Lab	17	XII	<b>PRINCIPLES OF FACIAL TREATMENTS</b> A. Safety practices B. Sanitation C. Plain facial D. Nerve points E. Arching F. Masks
Lecture	3	XIII	<b>PRINCIPLES OF MANICURING AND PEDICURING</b> 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
Lab	17	XIV	<b>PRINCIPLES OF MANICURING AND PEDICURING</b> 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
Lecture	3	XV	<b>PRINCIPLES OF SCALP TREATMENTS</b> A. Safety practices B. Sanitation C. Manipulations D. Types of treatments for dandruff, dry scalp, oily scalp, alopecia, alopecia areata and fragilitas crinium
Lab	17	XVI	<b>PRINCIPLES OF SCALP TREATMENTS</b> A. Safety practices B. Sanitation C. Manipulations D. Types of treatments for dandruff, dry scalp, oily scalp, alopecia, alopecia areata and fragilitas crinium
<b>Total Lecture Hours</b>	27		
<b>Total Laboratory Hours</b>	135		
<b>Total Hours</b>	162		

#### IV. PRIMARY METHOD OF EVALUATION AND SAMPLE ASSIGNMENTS

##### A. PRIMARY METHOD OF EVALUATION:

Skills demonstrations

##### B. 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 instructor.

##### C. COLLEGE-LEVEL CRITICAL THINKING ASSIGNMENTS:

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.

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.

**D. OTHER TYPICAL ASSESSMENT AND EVALUATION METHODS:**

Performance exams

Laboratory reports

Multiple Choice

True/False

**V. INSTRUCTIONAL METHODS**

Demonstration

Guest Speakers

Laboratory

Lecture

Multimedia presentations

**Note: In compliance with Board Policies 1600 and 3410, Title 5 California Code of Regulations, the Rehabilitation Act of 1973, and Sections 504 and 508 of the Americans with Disabilities Act, instruction delivery shall provide access, full inclusion, and effective communication for students with disabilities.**

**VI. WORK OUTSIDE OF CLASS**

Study

Required reading

Problem solving activities

Other (specify)

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.

**Estimated Independent Study Hours per Week: 1**

**VII. TEXTS AND MATERIALS**

**A. UP-TO-DATE REPRESENTATIVE TEXTBOOKS**

Milady. MILADY STANDARD TEXTBOOK OF COSMETOLOGY. Milady Publishers, 2016.

Milady. MILADY PRACTICAL MANUAL. Milady Publishers, 2016.

Milady. MILADY THEORY MANUAL. Milady Publishers, 2016.

**B. ALTERNATIVE TEXTBOOKS**

**C. REQUIRED SUPPLEMENTARY READINGS**

**D. OTHER REQUIRED MATERIALS**

Obtained from Cosmetology 1 or 10:

- Blow dryer
- Brushes: denman, vent, styling
- Clips: coif (box of 12), curl (box of 100)
- Combs: fingerwave, haircutting, styling, tail
- Curling iron
- Cuticle nipper with case
- Emery board (box of 5)
- Gloves, rubber
- Gloria head
- Hair shaper with blades
- Hot comb and hot iron
- Manicure 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
- Shoes, black
- Smock, black
- Spatula
- Stand
- Steel Pusher
- Triangle net
- Tweezers

**VIII. CONDITIONS OF ENROLLMENT**

**A. Requisites (Course and Non-Course Prerequisites and Corequisites)**

Requisites	Category and Justification
Course Prerequisite Cosmetology- 1 or	Sequential
Course Prerequisite Cosmetology- 10 or	Sequential
Non-Course Prerequisite	If a student has not taken Cosmetology 1 or 10 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.

**B. Requisite Skills**

Requisite Skills



Ability to perform a layer cut using advanced techniques such as notching the hair. COSM 10 -  
 Discuss the techniques used in layered haircuts.  
 COSM 1 -  
 Demonstrate the basic techniques of hair cutting.

Ability to use the principle of wet and thermal styling on a client. COSM 10 -  
 Apply the principles of thermal styling on a gloria head.  
 COSM 1 -  
 Identify the principles of wet and thermal settings.

Ability to customize solution used in a permanent wave on a client. COSM 10 -  
 Demonstrate the techniques of permanent waving.  
 COSM 1 -  
 Demonstrate the techniques of permanent waving.

**C. Recommended Preparations (Course and Non-Course)**

Recommended Preparation	Category and Justification
-------------------------	----------------------------

**D. Recommended Skills**

Recommended Skills
--------------------

**E. Enrollment Limitations**

Enrollment Limitations and Category	Enrollment Limitations Impact
-------------------------------------	-------------------------------

**Course created by Patricia Gebert on 09/01/2001.**

**BOARD APPROVAL DATE: 01/22/2002**

**LAST BOARD APPROVAL DATE: 07/18/2016**

**Last Reviewed and/or Revised by Patricia Gebert on 09/11/2015**