

# Minnesota State College Southeast

## COSM 1202: Chemical Procedures II

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 1

Lab Hours/Week: 4

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course provides advanced skill training in permanent waving and haircoloring. Course provides theory for basic chemistry, chemistry of permanent waves and haircolors. Safety procedures and decontamination are practiced. (Prerequisite: COSM1107 and COSM1108) (3 Credits: 1 lecture/2 lab)

**B. COURSE EFFECTIVE DATES:** 04/04/2017 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Knowledge base of general chemistry
2. Understand chemicals used within cosmetology industry
3. Practice chemical procedures
4. Understand chemical procedure products and tools
5. Decision making
6. Product selection and use
7. Safety and decontamination regulations

#### **D. LEARNING OUTCOMES (General)**

1. Demonstrate dependability
2. Demonstrate professionalism
3. Practice color formulation
4. Understand color formulation
5. Perform safety procedures
6. Name the chemicals used in permanent waves
7. Define terms used in the chemical action of permanent waving lotions
8. Describe the effect waving lotion has on the bonds in the hair
9. Differentiate between the pH levels of perm solutions
10. Define terms used in the chemical action of neutralizers
11. Name the chemicals used in neutralizers
12. Describe the effect neutralizer has on the hair
13. Perform advanced perm wrapping techniques
14. List types of hair coloring products
15. Describe the effect demi-permanent color has on the hair
16. Define terms used in the chemical action of a demi-permanent color
17. Name the chemicals used in hair coloring
18. Define terms used in the chemical action of temporary color
19. Describe the effect temporary color has on the hair
20. Describe the effect semi-permanent color has on the hair
21. Define terms used in the chemical action of semi-permanent color
22. Define terms used in the chemical action of permanent color
23. Describe the effect permanent color has on the hair
24. Differentiate between the pH levels of hair coloring products
25. Analyze corrective coloring techniques
26. Formulate for corrective color
27. Perform dimensional coloring techniques
28. Perform corrective coloring techniques
29. List the products used for chemical relaxing
30. Define terms associated with chemical relaxing
31. Define terms associated with chemical relaxing
32. Describe the effect chemical relaxers have on the hair
33. Differentiate between the pH levels of chemical relaxing products
34. Perform disinfection procedures
35. Perform sanitation procedures

#### **E. Minnesota Transfer Curriculum Goal Area(s) and Competencies**

None

#### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

#### **G. SPECIAL INFORMATION**

None noted