



## **COSB 2101 (formerly COSB 2110)**

**Division:** Career and Technical Education

**Department:** Cosmetology/Barbering

**Course:** COSB 2101 (formerly COSB 2110)

**Title:** Advanced Cosmetology/Barbering Theory 1

**Catalog Description:**

This theory course covers in-depth principles and practices of the following subjects; ethics, history and opportunities, hygiene, bacteriology and infection control, general anatomy and physiology, skin structure and growth, nail structure and growth, properties of the hair and scalp, and basics of chemistry.

**General Education Requirements:** N/A

**Semesters Offered:** Fall

**Credit/Time Requirement:** Credit: 1-4; Lecture: 1-4; Lab: 0

**Clock/Hour Requirements:** 15-60

**Offered for Non-Credit:** Yes

**Credit/Clock Comments:** This is a variable credit course (1-4: 1-4: 0).

**Prerequisites:** COSB 1001, COSB 1005, COSB 1101, COSB 1105, COSB 1201, COSB 1205

**Corequisites:** COSB 2105

**Justification:**

This course is required by the State Cosmetology Board to prepare students in cosmetology/barbering theory and practices. The course content will help prepare the student to take the National Interstate Council of State Boards of Cosmetology Licensure Examination (NIC test).

**Student Learning Outcomes:**

Upon successful completion of this course, students will be able to:

- list the guidelines for a healthy body and personality
- list the career opportunities available to a licensed beauty practitioner
- demonstrate an understanding of communication skills and professional ethics
- list the types and classifications of bacteria
- know bacteria types and how they relate to the cause of disease
- list the types of disinfectants and how they are used
- define hepatitis and HIV, and explain how they are transmitted
- explain the differences between cleaning, disinfection and sterilization
- discuss Universal Precautions and the responsibilities as a salon professional
- explain the importance of anatomy and physiology to the cosmetologist profession

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- define tissue and identify the types of tissues found in the body
- name the 10 main body systems and explain their basic functions
- describe the structure and composition of the skin and nails
- list the functions of the skin
- discuss how nails grow
- list the structures of the hair root, hair shaft, and the cortex
- list the factors that should be considered in a hair analysis
- describe the process of hair growth
- discuss the types of hair loss and their causes
- describe the options for hair loss treatment
- recognize hair and scalp disorders commonly seen in the salon
- explain the difference between organic and inorganic chemistry
- discuss the different forms of matter
- explain the difference between solution, suspensions, and emulsions
- describe oxidation and reduction reactions
- explain pH and the pH scale.

### **Content:**

Course objectives will be accomplished by providing students with learning experiences in the following subject areas:

- history of cosmetology
- career paths for a cosmetologist
- principles of infection and prevention
- disinfection procedures
- regulation and universal precautions
- general anatomy and physiology
- anatomy of the skin and nails
- maintaining skin and nail health
- structure of the hair
- chemical composition of hair
- hair analysis, growth and loss
- disorders of the hair and scalp
- chemistry, matter, and potential hydrogen.

### **General Education Outcomes:**

### **Applied Education Outcomes:**

1) Students will acquire entry-level skills specific to and appropriate for employment in their chosen field of study.

The student will be instructed on an advanced level in the history of cosmetology, infection control, anatomy (cells, nerves, skeletal, muscles, circulatory, and the four systems), basics of chemistry, and properties of hair

and scalp. This helps students prepare for state licensure. The instructor will assess students knowledge through class participation, written assignments and exams. Students will receive feedback through written and oral exchange in class.

**Key Performance Indicators:**

**In class:**

- Students will be evaluated through class presentations, assignments, quizzes, tests, and classroom participation and a final exam.
- The cumulative score must be 75% or greater to continue in the Cosmetology/Barbering program.

**Following class:**

- After completion of the course, competency will be measured by success in subsequent courses and/or by passing the state license exam.

**Representative Text and/or Supplies:**

- *Milady's Standard Textbook of Cosmetology*, current edition, Milady Publishing Company, Albany, New York.
- Supplemental materials may be required.

**Optimum Class Size:** 15

**Maximum Class Size:** 20

**Signatures:**

I hereby submit this course syllabus:

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Teri Mason, AAS, Instructor

I hereby find this course consistent with the goals and resources of the Cosmetology/Barbering Department:

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Teri Mason, AAS, Instructor, Chair

I hereby find this course consistent with the goals and resources of the Career and Technical Education Division:

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Michael P. Medley, MBA, Assistant Professor, Dean

I have discussed the need for library resources related to this class with the person submitting the syllabus:

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Lynn Anderson, MLIS, Technical Services Librarian (Main Campus)

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Michelle Olsen, MLS, Campus Librarian (Richfield Campus)