

COURSE SYLLABUS

LAST REVIEW	Fall 2022
COURSE TITLE	Scientific Concepts
COURSE NUMBER	COSM 0101
DIVISION	Career and Technical Education
DEPARTMENT	COSM
CIP CODE	12.0401
CREDIT HOURS	5
CONTACT HOURS/WEEK	Class: 1.5 Lab: 7

PREREQUISITES

COURSE PLACEMENT Students must meet the correct placement measure for this course. Information may be found at: <https://www.kckcc.edu/admissions/information/mandatory-evaluation-placement.html>

COURSE DESCRIPTION

This course provides classroom instruction in sanitation, hair and scalp, skin, nails for 115 hours as prescribed by the Kansas Board of Cosmetology.

PROGRAM LEARNING OUTCOMES

1. Demonstrate safety and sanitation procedures required for professional license in the cosmetology industry.
2. Demonstrate customer service, resume writing, and interviewing skills.
3. Demonstrate professionalism when performing front desk operations and engaging in self-marketing practices.
4. Perform a variety of hair care services in compliance with the appropriate state requirements.

TEXTBOOKS

<http://kckccbookstore.com/>

METHOD OF INSTRUCTION

A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE

- I. Sanitation, 40 hours
 - A. Personal hygiene
 - B. Public sanitation
 - C. Methods of sanitation
 - D. Chemistry of sanitation products
 - E. Safety precautions – Universal precautions

- F. First aid
- II. Hair and scalp, 35 hours
 - A. Structure
 - B. Composition
 - C. Blood, nerve, and muscle supply and function
 - D. Growth and regeneration
 - E. Analysis
 - F. Conditions and disorders
- III. Skin, 20 hours
 - A. Structure
 - B. Function
 - C. Blood and nerve supply and function
 - D. Conditions
 - E. Disorders
- IV. Nails, 20 hours
 - A. Structure
 - B. Composition
 - C. Growth and Regeneration
 - D. Irregularities
 - E. Disorders and diseases

COURSE LEARNING OUTCOMES

Upon successful completion of this course, the student will:

- A. Demonstrate sanitation practices as prescribed by Kansas Board of Cosmetology.
- B. Describe and implement safety precautions as prescribed by OSHA for the salon and spa.
- C. Describe simple safety and first-aid applications for cuts, minor burns, choking, fainting, and eye injury.
- D. Identify the anatomy of the hair and scalp.
- E. Explain the growth and regeneration of the hair and scalp.
- F. Analyze the form, length, texture, density, and porosity of the hair.
- G. Identify conditions and disorders of the hair and scalp.
- H. Describe the anatomy of the skin.
- I. Identify conditions and disorders of the skin.
- J. Explain the anatomy of the nail.
- K. Explain the growth and regeneration of the nail.
- L. Describe irregularities, disorders, and diseases of the nail.

ASSESSMENT OF COURSE LEARNING OUTCOMES

Student progress is evaluated through both formative and summative assessment methods. Specific details may be found in the instructor's course information document.

COLLEGE POLICIES AND PROCEDURES

Student Handbook

<https://www.kckcc.edu/files/docs/student-resources/student-handbook-and-code-of-conduct.pdf>

College Catalog

<https://www.kckcc.edu/academics/catalog/index.html>

College Policies and Statements

<https://www.kckcc.edu/about/policies-statements/index.html>

Accessibility and Accommodations

<https://www.kckcc.edu/academics/resources/student-accessibility-support-services/index.html>.