PROPERTIES & DISORDER OF SKIN, SCALP & HAIR
Course Syllabus

Course Number: BARB-1243
OCAS Code: None
Course Length: 35 Hours
Career Cluster: Human Services
Career Pathway: Personal Care Services
Career Major(s): Barber

Pre-requisite(s):
Students will study the nature, structure, functions, diseases and treatments. Students will master a thorough understanding of the skin and scalp to provide clients with professional advice on scalp and facial care.

Textbooks:

Course Objectives:

A. Discuss Properties and Disorders of the Skin
1. Define dermatology.
2. List characteristics of healthy skin.
3. Discuss the two divisions of the skin and the layers within each division.
4. Determine the function of the skin.
5. Name the appendages of the skin.
6. Explain nourishment of the skin.
7. Identify the types of nerve fibers found in the skin.
8. Discuss how blood supply and melanin affect the color of the skin.
9. Explain how the two types of glands in the skin function.
10. Describe the functions of the skin.
11. Identify skin disorders and their symptoms.
   a. Primary lesions
   b. Secondary lesions
   c. Eczema
   d. Herpes simples
   e. Psoriasis
   f. Dermatitis venenata
   g. Sebaceous glands
   h. Sudoriferous glands
12. Explain how diet, vitamins and supplements, and water maintain the health of the skin.

B. Explain Properties and Disorders of the Hair
1. Discuss the importance of the study of hair to the barber.
2. Define the term meaning “the study of hair” and disorders and care.
3. Explain the purpose of hair.
4. Explain the difference between the hair root and the hair shaft.
5. Discuss the structure of the hair root.
6. List the layers of the hair shaft.
7. Define the structure of hair protein structure, amino acids, and peptide bonds.
8. Explain the process of hair growth.
9. Determine the important characteristics in hair analysis.
10. Define melanin and the relationship to hair.¹
11. List the causes of changes in hair color.¹
12. Identify wave pattern, hair stream, whorl, and cowlick.¹
13. Define disorders of the hair.¹
14. Discuss the different types of hair loss.¹

C. Identify Disorders of the Scalp and Hair¹
1. Define and identify disorders of the scalp.¹
2. Discuss the disorders and characteristics of the hair.¹
3. Explain characteristics and causes of folliculitis and pseudofolliculitis and the treatment of each.¹
4. Recognize the scalp and hair disorders commonly seen in the salon and school and know which can be treated.¹

¹ Oklahoma State Barber Board Objective
² ODCTE Objective
All unmarked objectives are TTC instructor developed.

Teaching Methods: The class will primarily be taught by the lecture and demonstration method and supported by various media materials to address various learning styles. There will be question and answer sessions over material covered in lecture and media presentations. Supervised lab time is provided for students to complete required projects.

Grading Procedures: 1. Students are graded on theory and shop practice and performance.
2. Each course must be passed with eighty (80%) percent or better.
3. Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=50-59%.

Description of Classroom, Laboratories, and Equipment: Tulsa Technology Center campuses are owned and operated by Tulsa Technology Center School District No. 18. All programs provide students the opportunity to work with professionally certified instructors in modern, well-equipped facilities.

Available Certifications/College Credit: The student may be eligible to take state, national or industry exam after completion of the program. College credit may be issued from Oklahoma State University-Okmulgee or Tulsa Community College. See program counselor for additional information.

College Credit Eligibility: The student must maintain a grade point average of 2.0 or better.