Program Name: Cosmetology

CIP Number 0612040303
Length - 1200 Hours - Certificate

INTENDED OUTCOMES

After successfully completing appropriate course(s), the student will be able to perform the following:

01.0 Identify career opportunities.
02.0 Employ safe, sanitary and efficient work practices.
03.0 Demonstrate appropriate understanding and application of science and mathematics as related to grooming and salon services.
04.0 Demonstrate knowledge of professional development-employability skills.
05.0 Demonstrate an understanding of entrepreneurship-management skills.
06.0 Demonstrate knowledge of Florida Law and State Board requirements.
07.0 Identify shampoo/hair conditioners and scalp treatments. Evaluate scalp and hair needs by analysis, demonstrating an awareness of diseases and disorders. Communicate an understanding of the chemical compositions and reactions of shampoos, conditioners, and rinses with water and each other. Demonstrate an understanding of electrical current, transfer of energy and how it affects the skin. Demonstrate application of shampoo, manipulations and rinsing.
08.0 Identify and perform hair shaping (cutting). Identify and analyze spheres and dimensional shapes using visualization. Illustrate ways in which geometric shapes can be combined, subdivided and changed in performing haircuts on a manikin or client. Communicate an understanding of factors that influence the determination of strategies necessary to meet individual client needs.
09.0 Identify and perform hairstyles. Identify and analyze spheres and dimensional shapes using visualization. Illustrate ways in which geometric shapes can be combined, subdivided and changed in performing haircuts on a manikin or client. Communicate an understanding of factors that influence the determination of strategies necessary to meet individual client needs.
10.0 Identify and prepare hairpieces, wigs and hair attachments. Identify and analyze spheres and dimensional shapes using visualization. Illustrate ways in which geometric shapes can be combined, subdivided and changed in performing haircuts on a manikin or client. Communicate an understanding of factors that influence the determination of strategies necessary to meet individual client needs.
11.0 Identify and perform permanent waving/reconstruction and curl/chemical relaxing. Identify the proper chemical to be prescribed and understand the way chemicals affect the hair shaft and skin. Be able to demonstrate proper procedure and application of chemicals.
12.0 Identify and apply temporary/semi-permanent and permanent color/bleach and specialty color techniques. Identify the proper chemical to be prescribed. Understand the chemicals that affect
the hair shaft and skin and be able to describe, measure and predict chemical reactions. Demonstrate proper procedures including the measurement, mixing and application of chemicals.

13.0 Demonstrate the practice of performing manicures, pedicures, and apply artificial nails/nail wraps identifying the proper procedure and application of chemicals.

14.0 Perform facials, manipulation and related massage, make-up, hair removal, and artificial lash application. Identify the proper chemical to be prescribed using an understanding of the chemistry that affects the nails and skin that can be described, measured and predicted. Demonstrate proper procedure and application of chemicals.

STUDENT PERFORMANCE STANDARDS

Program Title: Cosmetology

01.0 IDENTIFY CAREER OPPORTUNITIES--The student will be able to:
  01.01 Identify career opportunities in the grooming and salon services field.

02.0 EMPLOY SAFE, SANITARY AND EFFICIENT WORK PRACTICES--The student will be able to:
  02.01 Using universal precautions, identify decontamination procedures to insure the safety of the client and student in the classroom and laboratory.
  02.02 Set-up and operate equipment and utilize materials by mixing chemicals (EPA approved and hospital strength levels) in appropriate proportions according to manufacturer’s instructions.
  02.03 Clean and maintain implements by using appropriately mixed chemicals and following the procedures for decontamination of tools per Chapter 61G5.002(2), F.A.C.
  02.04 Apply teamwork procedures and social skills in following the rules for professional ethics and demonstrate a cultural awareness of hygiene and socialized differences by using active listening skills.
  02.05 Describe, observe, identify and analyze the functions, structures, and diseases and disorders of hair, skin and nails. Demonstrate and communicate to the client the proper care of hair, skin, and nails through cleanliness, nutrition, and healthful living.

03.0 DEMONSTRATE APPROPRIATE UNDERSTANDING OF SCIENCE AS IT RELATES TO GROOMING AND SALON SERVICES--The student will be able to:
  03.01 Identify science processes that apply to decontamination and infection control.
  03.02 Identify the chemistry of products used in the salon.
  03.03 Identify basic knowledge of anatomy and physiology.
  03.04 Identify uses of electricity and light therapy to perform appropriate treatment.
  03.05 Identify math skills that apply to grooming and salon services.

04.0 DEMONSTRATE KNOWLEDGE OF PROFESSIONAL DEVELOPMENT-EMPLOYABILITY SKILLS--The student will be able to:
  04.01 Perform safety and health practices.
  04.02 Understand employment capabilities.
  04.03 Demonstrate appropriate work behavior.
04.04 Project a professional image.
04.05 Work individually and cooperatively as a member of a homogenous or culturally diverse team.
04.06 Utilize communication skills applicable to the industry.
04.07 Balance personal and professional life.
04.08 Use and conserve resources and energy.

05.0 **DEMONSTRATE AN UNDERSTANDING OF ENTREPRENEURSHIP-MANAGEMENT SKILLS**—The student will be able to:
05.01 Define entrepreneurship-management skills.
05.02 Describe the importance of entrepreneurship to the American economy.
05.03 List the advantages and disadvantages of business ownership.
05.04 Identify the risks involved in ownership of a business.
05.05 Identify the necessary personal characteristics of a successful entrepreneur.
05.06 Identify the business skills needed to operate a small business efficiently and effectively.

06.0 **DEMONSTRATE KNOWLEDGE OF FLORIDA LAW AND STATE BOARD REQUIREMENTS**—The student will be able to:
06.01 Demonstrate working knowledge of Florida Law, Chapter 477.
06.02 Demonstrate Universal HIV/AIDS Precaution Procedures for the salon and knowledge of appropriate behavior in dealing with persons who may have the virus or syndrome.

07.0 **IDENTIFY SHAMPOO/HAIR CONDITIONERS AND SCALP TREATMENTS. EVALUATE SCALP AND HAIR NEEDS BY ANALYSIS, DEMONSTRATING AN AWARENESS OF DISEASES AND DISORDERS. COMMUNICATE AN UNDERSTANDING OF THE CHEMICAL COMPOSITIONS AND REACTIONS OF SHAMPOOS, CONDITIONERS, AND RINSES WITH WATER AND EACH OTHER. DEMONSTRATE AN UNDERSTANDING OF ELECTRICAL CURRENT, TRANSFER OF ENERGY AND HOW IT AFFECTS THE SKIN. DEMONSTRATE APPLICATION OF SHAMPOO, MANIPULATIONS AND RINSING**—The student will be able to:
07.01 Prepare the client for service. Communicate the needs of the client by making appropriate adjustment in language use in work situations demonstrating sensitivity to gender and cultural bias. Demonstrate the practice of effective draping of the client to insure safety in the workplace and community.
07.02 Analyze and evaluate the hair’s chemical composition and structure.
07.03 Identify different compositions of shampoos. Utilize problem-solving skills to determine the appropriate products and applications and communicate an understanding of factors that influence the choice of products to meet client’s needs.
07.04 Understand the chemical reaction of the shampoo molecule on the hair and scalp and utilize proper manipulations.
07.05 Rinse shampoo thoroughly from hair and scalp. Understand the chemical reaction of shampoo with water composition, temperature and electrostatic force of each.
07.06 Identify different compositions of conditioners. Utilize problem solving skills determine the appropriate products and applications to communicate an understanding of factors that influence the choice of products to meet client’s needs.
07.07 Apply treatment or conditioner according to manufacturer’s directions.
07.08 Demonstrate the proper manipulation based on the scalp analysis and client consultation.

07.09 Set up and operate electrical equipment as required (high frequency currents, ultra violet or infra red rays). Have working knowledge of the effects of electricity and light as it deals with the scalp chemically and physically. Utilize problem-solving skills to determine the proper procedure to meet client’s needs.

07.10 Remove conditioner or treatment, if required. Understand the chemical reaction of conditioners/treatments with the water, manufacturing recommendations, and client’s needs.

08.0 IDENTIFY AND PERFORM HAIR SHAPING (CUTTING). IDENTIFY AND ANALYZE SPHERES AND DIMENSIONAL SHAPES USING VISUALIZATION. ILLUSTRATE WAYS IN WHICH GEOMETRIC SHAPES CAN BE COMBINED, SUBDIVIDED AND CHANGED IN PERFORMING HAIRCUTS ON A MANIKIN OR CLIENT.

COMMUNICATE AN UNDERSTANDING OF FACTORS THAT INFLUENCE THE DETERMINATION OF STRATEGIES NECESSARY TO MEET INDIVIDUAL CLIENT NEEDS—The student will be able to:

08.01 Communicate the needs of the client by making appropriate adjustment in language use in work situation demonstrating sensitivity to gender and cultural bias. Demonstrate the practice of effective draping of the client to insure safety in the workplace and community. Communicate an understanding of factors that influence the determination of strategies necessary to meet individual client needs.

08.02 Select and utilize hair cutting implements and techniques using scissors, razors, clippers, texturizing implements and utilizing universal precautions. Select proper implements, identify implement parts, and utilize implements properly by using knowledge of hair structure and condition of the hair.

08.03 Make a decision using active listening and knowledge of hair to determine desired implementation and results. Divide the head into sections according to head structure of client for desired haircut (dry/wet). Use appropriate elevation and proceed with hair cut to obtain desired results, (solid form, graduated, layered, over-directed and combinations thereof).

08.04 Edge and clean neckline using the bone structure of the head and texture of the hair to the appropriate shape and length, using the razor, clipper or scissors. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.8.1.4, LA.A.1.4, LA.A.2.4, LA.B.1.4, LA.B.2.4, LA.C.1.4, LA.C.2.4, LA.C.3.4, MA.B.3.4, MA.B.4.4, MA.C.1.4, MA.C.2.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4, HE.C.1.4, HE.C.2.4

08.05 Check completed haircut for blends by analyzing the relationship between the hair remaining on the client’s head to the stature of the client using the different degree of elevation of hair.

08.06 Decontaminate, clean and maintain cutting implements using universal sanitation procedures by appropriately mixing chemicals (EPA approved and hospital strength levels) and following the manufacturer’s directions and the procedure for decontamination of tools per Chapter 61G5.002(2), F.A.C.

09.0 IDENTIFY AND PERFORM HAIRSTYLES. IDENTIFY AND ANALYZE SPHERES AND DIMENSIONAL SHAPES USING VISUALIZATION. ILLUSTRATE WAYS IN WHICH GEOMETRIC SHAPES CAN BE COMBINED, SUBDIVIDED AND CHANGED IN PERFORMING HAIRCUTS ON A MANIKIN OR CLIENT. COMMUNICATE AN
UNDERSTANDING OF FACTORS THAT INFLUENCE THE DETERMINATION OF STRATEGIES NECESSARY TO MEET INDIVIDUAL CLIENT NEEDS -- The student will be able to:

09.01 Communicate the needs of the client by making appropriate adjustment in language use in work situation demonstrating sensitivity to gender and cultural bias. Demonstrate the practice of effective draping of the client to insure safety in the workplace and community. Communicate an understanding of factors that influence the determination of strategies necessary to meet individual client needs by demonstration of knowledge of planes, angles, anatomy and law of color.

09.02 Perform “wet set” using principles of design (i.e. hair sculpturing, rollers and fingerwaves).

09.03 Set up equipment and perform thermal styling using electric rollers, blow dryers, curling irons, crimping irons, thermo-pressing combing, air-waving combs using principles of design.

09.04 Demonstrate the principles of styling the client's hair utilizing knowledge of anatomy, angles, planes and law of color in "combing-out" various hairstyles.

09.05 Demonstrate knowledge of hair braiding techniques by utilizing knowledge of anatomy and mathematics.

09.06 Demonstrate ability in styling individual hairpieces by utilizing knowledge of chemistry, angles, planes and law of color.

09.07 Demonstrate ability to create hairstyles by incorporating, attaching and blending hairpieces into the desired hairstyle.

10.0 IDENTIFY AND PREPARE HAIRPIECES, WIGS AND HAIR ATTACHMENTS. IDENTIFY AND ANALYZE SPHERES AND DIMENSIONAL SHAPES USING VISUALIZATION. ILLUSTRATE WAYS IN WHICH GEOMETRIC SHAPES CAN BE COMBINED, SUBDIVIDED AND CHANGED IN PERFORMING HAIRCUTS ON A MANIKIN OR CLIENT. COMMUNICATE AN UNDERSTANDING OF FACTORS THAT INFLUENCE THE DETERMINATION OF STRATEGIES NECESSARY TO MEET INDIVIDUAL CLIENT NEEDS -- The student will be able to:

10.01 Determine and identify the geometric shapes of artificial hair, including wigs and hairpieces. Calculate the relationships of color theory and its chemical make-up necessary to achieve the desired result.

10.02 Measure client’s head form as it relates to the similarity and proportionality of the individual wig or hairpiece.

10.03 Cleanse and cut artificial hair utilizing chemical theory and practical application necessary to achieve the desired result.

10.04 Secure and intertwine artificial hair to the scalp or hair using chemical bonding compound or by interlocking with a needle or hook to achieve the desired style.

11.0 IDENTIFY AND PERFORM PERMANENT WAVING/RECONSTRUCTION AND CURL/ CHEMICAL RELAXING. IDENTIFY THE PROPER CHEMICAL TO BE PRESCRIBED AND UNDERSTAND THE WAY CHEMICALS AFFECT THE HAIR SHAFT AND SKIN. BE ABLE TO DEMONSTRATE PROPER PROCEDURE AND APPLICATION OF CHEMICALS -- The student will be able to:

11.01 Communicate the needs of the client by making appropriate adjustment in language use in work situation demonstrating sensitivity to gender and cultural bias. Demonstrate the
practice of effective draping of the client to insure safety in the workplace and community. Communicate an understanding of factors that influence the determination of strategies necessary to meet individual client needs.

11.02 Analyze scalp and hair for skin or hair disease or disorders to avoid adverse reaction and determine that proper chemical for the client.

11.03 Select appropriate solution and strength, by measuring and mixing, according to hair texture and desired results.

11.04 Demonstrate knowledge of chemical and physical energy by shampooing, massaging, and shaping the hair.

11.05 Demonstrate knowledge of possible adverse chemical reactions to the skin. Apply a protective barrier cream to avoid client injury.

11.06 Apply the proper chemicals required for a rearranger or chemical relaxer to achieve desired result.

11.07 Demonstrate knowledge of the chemical reaction of chemical relaxer or reconstructive curl to determine the necessary processing time.

11.08 Read, analyze and perform rinsing or shampooing as per manufacturer’s instructions to avoid adverse chemical reactions.

11.09 Demonstrate knowledge of the proper selection of rods and wrapping techniques to achieve desired results.

11.10 Demonstrate the ability to apply the processing solution for the appropriate time, create curl, and test.

11.11 Demonstrate the ability to rinse, blot, shampoo and/or neutralize all chemical solutions.

11.12 Demonstrate the ability to remove rods and apply knowledge of chemicals to condition, normalize and style hair to the desired result and to record the results.

11.13 Demonstrate knowledge of chemicals to apply in leave-on treatment and to record the results.

12.0 IDENTIFY AND APPLY TEMPORARY/SEMI-PERMANENT AND PERMANENT COLOR/BLEACH AND SPECIALTY COLOR TECHNIQUES. IDENTIFY THE PROPER CHEMICAL TO BE PRESCRIBED. UNDERSTAND THE CHEMICALS THAT AFFECT THE HAIR SHAFT AND SKIN AND BE ABLE TO DESCRIBE, MEASURE AND PREDICT CHEMICAL REACTIONS. DEMONSTRATE PROPER PROCEDURE AND APPLICATION OF CHEMICALS--The student will be able to:

12.01 Perform a FDA mandated patch test (predisposition, skin, and allergy test), to determine client sensitivity to product. Decide whether to apply patch test and use appropriate application procedure. Mix chemicals following manufacturer's directions.

12.02 Communicate the needs of the client by making appropriate adjustment in language used in work situation demonstrating sensitivity to gender and cultural bias. Demonstrate the practice of effective draping of the client to insure safety in the workplace and community. Use active listening to communicate with the client an understanding of factors that influence the determination of strategies necessary to meet individual client needs.

12.03 Describe, observe, identify and analyze the functions, structures, diseases and disorders of the scalp and hair.

12.04 Analyze the hair's texture, density, elasticity, porosity and condition to determine the appropriate solutions needed to perform the service and obtain the desired results. Select and assemble all needed materials after analysis.
12.05 Divide the hair into appropriate sections to visualize the scalp for proper application of product.

12.06 Mix, if required, and apply appropriate color, toner, and/or bleach according to manufacturer's directions. Use proper safety equipment to safeguard the student, operator, and client.

12.07 Perform a strand test to determine desired color using proper procedures. Follow all safety and sanitation procedures.

12.08 Identify and perform specialty-coloring techniques using the knowledge of ratios and proportions to analyze the density and texture of the client's hair and determine the techniques needed to properly section and apply product.

12.09 Choose the appropriate shampoo to cleanse the hair using knowledge of shampoo chemistry before or after applying color according to manufacturer's instructions. Remove unwanted color stains on the skin if needed using appropriate products and complete the client consultation card.

12.10 Analyze the hair to determine if a conditioner or normalizing conditioner is needed either before or after shampooing using the knowledge of the chemistry of conditioners. Follow manufacturer's directions. Complete the client consultation card.

13.0 DEMONSTRATE THE PRACTICE OF PERFORMING MANICURES, PEDICURES, AND APPLY ARTIFICIAL NAILS/NAIL WRAPS IDENTIFYING THE PROPER PROCEDURE AND APPLICATION OF CHEMICALS--The student will be able to:

13.01 Communicate the needs of the client by making appropriate adjustment in language use in work situation demonstrating sensitivity to gender and cultural bias. Demonstrate the practice of effective draping of the client to insure safety in the workplace and community. Communicate an understanding of factors that influence the determination of strategies necessary to meet individual client needs.

13.02 Clean and maintain implements by using appropriately mixed chemicals (EPA approved and hospital strength levels) and following the procedures for decontamination of tools per Chapter 61G5.002(2), F.A.C. Assemble, set up, and operate equipment according to manufacturer’s instructions.

13.03 Demonstrating knowledge of chemical products and ability to follow the manufacturer's directions, correctly remove the nail polish from the natural nail. Demonstrating knowledge of anatomy and safety procedures, correctly clean under the free edge of the natural nail.

13.04 Demonstrating the proper technique and safety precautions and utilizing knowledge of anatomy of the nail structure, diseases and disorders of the skin and nail, chemistry of compounds and their reaction to the skin, angles and curves; correctly shape the natural nail, soften and care for the cuticles and trim hangnails.

13.05 Perform proper techniques for smoothing and buffing the nails by demonstrating knowledge of anatomy of nails, chemistry of products and safety precautions.

13.06 Perform proper techniques for foot care, including sanitizing and soaking, by demonstrating knowledge of the chemistry of products on the skin and implements, and following the manufacturer's directions.
13.07 Demonstrate knowledge of anatomy of the skin and nails, and chemistry of products by performing the proper massage techniques to the hands and feet.

13.08 Prepare the natural nail for the application of an artificial nail by utilizing knowledge of anatomy of nails and hands and product reaction on the nails.

13.09 Utilize knowledge of angles, curves and relationship to size select the correct size and type of artificial nails using safety procedures and follow the manufacturer's directions.

13.10 Repair and wrap a natural nail by applying knowledge of anatomy, diseases and disorders of nails, and chemistry of products and their effect on the skin and nails.

13.11 Demonstrate the correct application procedure of nail forms and caps by following all safety and sanitation procedures.

13.12 Correctly apply artificial material to the natural nail following all safety and sanitation procedures for nails and diseases and disorders. Shape and buff the artificial nail to the proper consistency using proper implements and knowledge of angles and shapes to mold into a natural looking nail. Follow all manufacturers' directions.

13.13 Following all manufacturers directions, correctly apply artificial material (acrylic and gels) to the free edge of the natural nail and or to the full natural nail. Demonstrate knowledge of diseases and disorders of the nail and relationships of size to mold the artificial nail into a natural looking nail.

13.14 Following the manufacturer's directions and knowledge of safety procedures, demonstrate knowledge of acetone product reactions to the skin and nails by removing the artificial material from the natural nail plate without damage to the natural nail.

13.15 Applying knowledge of the chemical reactions of products to the skin and nails, correctly demonstrate ability to properly polish the nail with a base, color and topcoat to make a smooth even shade to the nail, relying on consultation with client. Demonstrate ability create artful scenes on a minute surface.

13.16 Demonstrate knowledge of nail diseases and disorders by providing client with the proper information regarding safe nail maintenance.

14.0 PERFORM FACIALS, MANIPULATION AND RELATED MASSAGE, MAKE-UP, HAIR REMOVAL, AND ARTIFICIAL LASH APPLICATION. IDENTIFY THE PROPER CHEMICAL TO BE PRESCRIBED USING AN UNDERSTANDING OF THE CHEMISTRY THAT AFFECTS THE NAILS AND SKIN THAT CAN BE DESCRIBED, MEASURED AND PREDICTED. DEMONSTRATE PROPER PROCEDURE AND APPLICATION OF CHEMICALS--The student will be able to:

14.01 Identify bone structure, face shapes, and fashion trends to fulfill client's needs and desires. Communicate the needs of the client by making appropriate adjustment in language use in work situations demonstrating sensitivity to gender and cultural bias. Demonstrate the practice of effective draping of the client to insure safety in the workplace and community. Use active listening to communicate with the client an understanding of factors that influence the determination of strategies necessary to meet individual client needs.

14.02 Choose the proper supplies, products, and equipment based on skin analysis and client consultation.
14.03 Demonstrate knowledge of action and reaction of chemical products used for the cleansing of the face and neck.

14.04 Demonstrate knowledge of available treatments and chemical products associated with each treatment and use problem solving skills in selecting the appropriate chemicals and equipment to meet the needs of the client.

14.05 Demonstrate ability and knowledge to properly do a final cleansing of the face and neck using product knowledge of reactions to chemicals on the different textures of skin.

14.06 Demonstrate working knowledge of chemicals used for lash and eyebrow tinting and the adverse reactions that may occur.

14.07 Demonstrate proper procedure for applying artificial eyelashes with a working knowledge of the chemicals and adverse reactions that may occur.

14.08 Shape eyebrows by tweezing and waxing incorporating bone structure, appropriate angles and procedures for hair removal to meet the client's needs.

14.09 Apply make-up based on the client's needs and desires, using proper safety procedures and appropriate application procedures and products, and utilizing knowledge of color theory and chemical reactions to the skin before application.