

Florida CTE

# **Human Services (2021): Barbering**

Adopted 2021

## Barbering (8757100)

### Barbering 1 - Course Number: 8757110

0. Demonstrate safe, sanitary and efficient work practices. – The student will be able to: 01.0
  - 01. Observe and apply sanitation and shop safety rules and practices in all skill procedures. 01.01
  - 02. Set up and operate equipment and utilize materials. 01.02
  - 03. Clean and maintain implements and equipment. 01.03
  - 04. Demonstrate professional ethics with clients and co-workers. 01.04
  - 05. Analyze and recognize hair, skin and scalp conditions. 01.05
  - 06. Analyze hair, skin and scalp products using pH scale. 01.06
  - 07. Identify the histology of skin and hair. 01.07
  - 08. Exhibit professional occupational skills. 01.08
  - 09. Determine the need for and perform corrective services. 01.09
0. Identify and perform shampoo/hair conditioners and scalp treatment. – The student will be able to: 02.0
  - 01. Prepare the client for service. 02.01
  - 02. Analyze and recognize hair and scalp condition. 02.02
  - 03. Select and recommend appropriate professional products. 02.03
  - 04. Apply shampoo and manipulate to cleanse hair and scalp. 02.04
  - 05. Rinse shampoo thoroughly from hair and scalp. 02.05
  - 06. Select professional products, understanding the importance of professional product recommendations and product use. 02.06
  - 07. Apply treatment or conditioner according to manufacturer's directions. 02.07
  - 08. Perform scalp manipulation, if required. 02.08
  - 09. Set up and operate electrical equipment as required (high frequency currents, ultra violet, or infrared rays). 02.09
  - 10. Remove conditioner or treatment, if required. 02.10
0. Identify and perform trimming/shaping of hair (cutting) with scissor, clipper, and razor. – The student will be able to: 03.0
  - 01. Prepare the client and determine needs and desires (consultation). 03.01
  - 02. Select and utilize hair cutting implements and techniques (shears, razor, clippers, texturizing implements). 03.02
  - 03. Section hair and proceed with wet or dry hair cut utilizing all elevations (solid form, graduated, layered, over-directed) and combinations with or without blends. 03.03
  - 04. Edge and clean neckline with razor, clipper, or shears. 03.04
  - 05. Check completed cut. 03.05

06. Sanitize cutting implements using Universal Sanitation Procedures. 03.06

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**Barbering 2- Course Number: 8757120**

- 0. Identify and perform hair styles. – The student will be able to: 04.0
    - 01. Prepare client and determine needs and desired style (consultation). 04.01
    - 02. Identify and perform wet set using principles of design (hair sculpting, rollers, and finger waves). 04.02
    - 03. Prepare and perform thermal styling using blow dryers, curling irons, thermo-pressing combing, wand, and etc. 04.03
    - 04. Comb out into desired style. 04.04
    - 05. Utilize braiding technique. 04.05
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**Barbering 3 - Course Number: 8757130**

- 0. Identify and perform mustache and beard design. – The student will be to: 05.0
    - 01. Prepare the client. 05.01
    - 02. Demonstrate suitable mustache and/or beard design and cutting based on facial structure. 05.02
    - 03. Demonstrate trimming a mustache or trimming a beard. 05.03
    - 04. Demonstrate the ability to use and explain professional beard products and sanitation procedures. 05.04
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**Barbering 4 - Course Number: 8757140**

- 0. Demonstrate shaving the face. – The student will be able to: 06.0
  - 01. Prepare patron for shaving. 06.01
  - 02. Perform the shaving of the patron's face. 06.02
  - 03. Perform the final cleansing of face and neck. 06.03

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**Barbering 5 - Course Number: 8757150**

- 0. Demonstrate appropriate understanding of basic science. – The student will be able to: 07.0
  - 01. Identify health-related problems, which may result from exposure to work related chemicals and hazardous materials, and know the proper precautions required for ventilating and handling such materials. 07.01
  - 02. Understand molecular reactions of the skin and hair as a result of physical and chemical changes. 07.02
  - 03. Draw conclusions or make inferences from data. 07.03
- 0. Identify and perform facial treatments. – The student will be able to: 08.0
  - 01. Prepare the patron. 08.01
  - 02. Diagnose and identify skin condition. 08.02
  - 03. Assemble supplies and equipment. 08.03
  - 04. Cleanse face and neck. 08.04
  - 05. Perform designated treatment (mechanical or manual). 08.05
  - 06. Perform final cleansing of face and neck. 08.06

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## **Barbering 6 - Course Number: 8757160**

0. Demonstrate knowledge of professional development (employability skills). – The student will be able to: 09.0
  01. Perform safety and health practices applicable to the practice of barbering. 09.01
  02. Locate opportunities for employment through social media, job sites on the internet, and word of mouth. 09.02
  03. Understand practical application of the license to the job market. 09.03
  04. Demonstrate employment seeking skills. 09.04
  05. Demonstrate appropriate work behavior. 09.05
  06. Understand and project a professional image. 09.06
  07. Work individually and cooperatively as a member of regular or culturally diverse team. 09.07
  08. Utilize communication skills applicable to the industry. 09.08
  09. Utilize math skills applicable to the industry. 09.09
  10. Demonstrate how to adapt to change. 09.10
  11. Demonstrate knowledge of the need to balance personal and professional life. 09.11
  12. Demonstrate the ability to properly facilitate the use of business resources and energy in a practical manner. 09.12
  13. Explain how technology has become a practical part of the barbering industry and demonstrate applications. 09.13
0. Demonstrate knowledge of Florida Law and State Board requirements. – The student will be able to: 10.0
  01. Demonstrate working knowledge of Florida Law, Chapter 476. 10.01
  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. 10.02
  03. Demonstrate an understanding of the Federal "Right-To-Know" Law as stated in 29 C.F.R. 1910.1200. 10.03
0. Demonstrate an understanding of entrepreneurship. – The student will be able to: 11.0
  01. Define entrepreneurship. 11.01
  02. Describe the importance of entrepreneurship to the American economy. 11.02
  03. Identify advantages and disadvantages of business ownership as related to the barbering industry. 11.03
  04. Identify the necessary personal characteristics of a successful entrepreneur. 11.04

05. Identify the business skills needed to operate a small business efficiently and effectively. 11.05
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### **Barbering 7 - Course Number: 8757170**

0. Identify and prepare hair pieces, wigs, and hair attachments. – The student will be able to: 12.0
  01. Determine and identify styles and colors of wigs and hairpieces. 12.01
  02. Measure the head and fit wig or hairpiece. 12.02
  03. Clean, shape, and style to client's features. 12.03
  04. Attach and blend hair pieces/extensions into desired style. 12.04
0. Identify and perform permanent wave/reconstruction curl/chemical relaxing. – The student will be able to: 13.0
  01. Prepare client and determine needs and desired style (consultation). 13.01
  02. Analyze hair, check scalp. 13.02
  03. Select appropriate solution strength according to hair texture, desired results. 13.03
  04. Perform shampoo and shaping as required. 13.04
  05. Apply protective cream or lotion. 13.05
  06. Apply rearranger or straightener as required for desired results following curl or chemical relaxer. 13.06
  07. Strand test for straightness if performing reconstruction curl or chemical relaxer. 13.07
  08. Rinse or shampoo according to manufacturer's directions. 13.08
  09. Select rods and wrap hair, if required, according to manufacturer's directions. 13.09
  10. Apply processing solution and process; take test curls. 13.10
  11. Rinse, blot, shampoo, and/or neutralize. 13.11
  12. Remove rods, condition and style; record results. 13.12
  13. Apply leave-on treatment, if required. Record results. 13.13

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**Barbering 8 - Course Number: 8757180**

0. Identify and apply temporary/semi-permanent and permanent color/bleach and specialty color techniques. – The student will be able to: 14.0
    01. Perform patch test (pre-disposition), if required. 14.01
    02. Prepare client; determine needs and desires (consultation). 14.02
    03. Analyze scalp and hair. 14.03
    04. Select and assemble appropriate solutions according to hair texture and desired results. 14.04
    05. Section hair, if required. 14.05
    06. Mix, if required, and apply color, toner, and/or bleach according to manufacturer's directions. 14.06
    07. Perform strand tests. 14.07
    08. Identify and perform specialty-coloring techniques. 14.08
    09. Shampoo before or after applying color according to manufacturer's directions. Record results. 14.09
    10. Understand molecular reactions as a result of physical and chemical changes. 14.10
    11. Draw conclusions or make inferences from data. 14.11
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- 0. Identify career opportunities. – The student will be able to: 01.0
  - 01. Identify career opportunities in the grooming and salon services field. 01.01
- 0. Demonstrate the importance of health, safety, and environmental management systems in organizations and their importance to organizational performance and regulatory compliance. – The students will be able to: 02.0
  - 01. Describe personal and jobsite safety rules and regulations that maintain safe and healthy work environments. 02.01
  - 02. Explain emergency procedures to follow in response to workplace accidents. 02.02
  - 03. Create a disaster and/or emergency response plan. 02.03
- 0. Employ safe, sanitary and efficient work practices. – The student will be able to: 03.0
  - 01. Using universal precaution, identify decontamination procedures to insure the safety of the client and student in the classroom and laboratory. 03.01
  - 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. 03.02
  - 03. Clean, maintain, and proper storage of implements by using appropriately mixed chemicals and following the procedures for decontamination of tools per Chapter 61G5-22.005, F.A.C. 03.03
  - 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. 03.04
  - 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. 03.05
- 0. Demonstrate language arts knowledge and skills. – The students will be able to: 04.0
  - 01. Locate, comprehend and evaluate key elements of oral and written information. 04.01
  - 02. Draft, revise, and edit written documents using correct grammar, punctuation and vocabulary. 04.02
  - 03. Present information formally and informally for specific purposes and audiences. 04.03
- 0. Demonstrate mathematics knowledge and skills. – The students will be able to: 05.0
  - 01. Identify math skills as it applies to grooming and salon services. 05.01
  - 02. Demonstrate knowledge of arithmetic operations. 05.02
  - 03. Analyze and apply data and measurements to solve problems and interpret documents. 05.03

04. Construct charts/tables/graphs using functions and data. 05.04
0. Demonstrate science knowledge and skills. – The students will be able to: 06.0
01. Discuss the role of creativity in constructing scientific questions, methods and explanations. 06.01
02. Formulate scientifically investigable questions, construct investigations, collect and evaluate data, and develop scientific recommendations based on findings. 06.02
03. Identify science as it applies to decontamination and infection control. 06.03
04. Identify chemistry as it applies to products used in the salon. 06.04
05. Identify science as it applies to anatomy and physiology. 06.05
06. Identify science as it applies to electricity and light therapy to perform appropriate treatment. 06.06
0. Explain the importance of employability skill and entrepreneurship skills. – The students will be able to: 07.0
01. Identify and demonstrate positive work behaviors needed to be employable. 07.01
02. Develop personal career plan that includes goals, objectives, and strategies to include re-booking clients to maintain and grow your business. 07.02
03. Examine licensing, certification, and industry credentialing requirements. 07.03
04. Maintain a career portfolio, including digital portfolio to document knowledge, skills, and experience. 07.04
05. Evaluate and compare employment opportunities that match career goals. 07.05
06. Identify and exhibit traits for retaining employment. 07.06
07. Identify opportunities and research requirements for career advancement. 07.07
08. Research the benefits of ongoing professional development, in all areas of the field to coincide with the current trends of the industry. 07.08
09. Examine and describe entrepreneurship opportunities as a career planning option. 07.09
10. Project a professional image. 07.10
11. Work individually and cooperatively as a member of a homogenous or culturally diverse team. 07.11
12. Utilize proper verbal and written communication skills applicable to the clients, product knowledge, co-workers, and business professionals in the industry. 07.12
13. Balance personal and professional life. 07.13
14. Use and conserve resources and energy. 07.14
15. Define entrepreneurship-management skills. 07.15

16. Describe the importance of entrepreneurship to the American economy. 07.16
17. List the advantages and disadvantages of business ownership. 07.17
18. Identify the risks involved in ownership of a business. 07.18
19. Identify the necessary personal characteristics of a successful entrepreneur. 07.19
20. Identify the business skills needed to operate a small business efficiently and effectively. 07.20
0. Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives. – The students will be able to: 08.0
01. Employ leadership skills to accomplish individual and organizational goals including tracking, monitoring, and re-evaluation of goals and objectives. 08.01
02. Establish and maintain effective working relationships with others in order to accomplish objectives and tasks. 08.02
03. Conduct and participate in meetings to accomplish work tasks. 08.03
04. Employ mentoring skills to inspire and teach others. 08.04
0. Demonstrate personal money-management concepts, procedures, and strategies. – The students will be able to: 09.0
01. Identify and describe the services and legal responsibilities of financial institutions. 09.01
02. Describe the effect of money management on personal and career goals. 09.02
03. Develop a personal budget and financial goals. 09.03
0. Describe the importance of professional ethics and legal responsibilities. – The students will be able to: 10.0
01. Demonstrate working knowledge of current Florida Law, Chapter 477. 10.01
02. Demonstrate an understanding of the modes of transmission infection control, clinical management and prevention of HIV and AIDS. 10.02
03. Evaluate and justify decisions based on ethical reasoning. 10.03
04. Evaluate alternative responses to workplace situations based on personal, professional, ethical, legal responsibilities, and employer policies. 10.04
05. Identify and explain personal and long-term consequences of unethical or illegal behaviors in the workplace. 10.05
06. Interpret and explain written organizational policies and procedures. 10.06
07. Describe "Right-to-Know" Law as recorded in 29 CFR-1910.1200. 10.07
0. Describe the roles within teams, work units, departments, organizations, inter-organizational systems, and the larger environment. – The students will be able to: 11.0
01. Describe the nature and types of business organizations, and the roles of employee vs employer. 11.01

02. Explain the effect of key organizational systems on performance and quality. 11.02
03. List and describe quality control systems and/or practices common to the workplace. 11.03
04. Explain the impact of the global economy on business organizations. 11.04
0. Use information technology tools. – The students will be able to: 12.0
  01. Employ technological tools to expedite workflow including word processing, databases, reports, spreadsheets, multimedia presentations, electronic calendar, contacts, email, and internet applications. 12.01
  02. Employ computer operations applications to access, create, manage, integrate, and store information. 12.02
  03. Use personal information management (PIM) applications to increase workplace efficiency. 12.03
  04. Employ collaborative/groupware applications to facilitate group work. 12.04
0. Solve problems using critical thinking skills, creativity and innovation. – The students will be able to: 13.0
  01. Employ critical thinking skills independently and in teams to solve problems and make decisions, including the impact of the industry on the environment. 13.01
  02. Employ critical thinking and interpersonal skills to resolve conflicts. 13.02
  03. Identify and document workplace performance goals and monitor progress toward those goals. 13.03
  04. Conduct technical research to gather information necessary for decision-making. 13.04
0. Use oral and written communication skills in creating, expressing and interpreting information and ideas. – The students will be able to: 14.0
  01. Select and employ appropriate communication concepts and strategies to enhance oral and written communication in the workplace. 14.01
  02. Locate, organize and reference written information from various sources. 14.02
  03. Design, develop and deliver formal and informal presentations using appropriate media to engage and inform diverse audiences. 14.03
  04. Interpret verbal and nonverbal cues/behaviors that enhance communication. 14.04
  05. Apply active listening skills to obtain and clarify information. 14.05
  06. Exhibit public relations skills that aid in achieving customer satisfaction. 14.06
  07. Develop and interpret tables and charts to support written and oral communications. 14.07
0. Demonstrate the practice of performing manicures, pedicures, and apply artificial nails/nail wraps identifying the proper procedure and application of chemicals

(students are only required to perform 20 nails procedures to obtain a cosmetology license, refer to rule 61G5-22.0125). – The student will be able to: 15.0

01. Clean and maintain implements by using appropriately mixed chemicals (EPA approved and hospital grades) and following the procedures for decontamination of tools per Chapter 61G5-22.005, F.A.C. Assemble, set up, and operate equipment according to manufacturer's instructions. 15.01
02. 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. 15.02
03. Demonstrating knowledge of anatomy and safety procedures, correctly clean under the free edge of the natural nail. 15.03
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. 15.04
05. Perform proper techniques for smoothing and buffing the nails by demonstrating knowledge of anatomy of nails, chemistry of products and safety precautions. 15.05
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. 15.06
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. 15.07
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. 15.08
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. 15.09
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. 15.10
11. Demonstrate the correct application procedure of nail forms and caps by following all safety and sanitation procedures. 15.11
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, equipment, and knowledge of angles and shapes to mold into a natural looking nail. Follow all manufacturers' directions. 15.12
13. Following all manufactures 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. 15.13

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. 15.14
  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. 15.15
  16. Demonstrate knowledge of nail diseases and disorders by providing client with the proper information regarding safe nail maintenance. 15.16
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 skin that can be described, measured and predicted. Demonstrate proper procedure and application of chemicals (students are only required to perform 10 facial procedures to obtain a cosmetology license, refer to rule 61G5-22.006). – The student will be able to: 16.0
01. Choose the proper supplies, products, and equipment based on skin analysis and client consultation and adhere to client privacy policies. 16.01
  02. Demonstrate knowledge of action and reaction of chemical products used for the cleansing of the face and neck. 16.02
  03. 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. 16.03
  04. 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. 16.04
  05. Demonstrate working knowledge of chemicals used for lash and eyebrow tinting and the adverse reactions that may occur. 16.05
  06. Demonstrate proper procedure for applying artificial eyelashes with a working knowledge of the chemicals and adverse reactions that may occur. 16.06
  07. Shape eyebrows by tweezing and waxing incorporating bone structure, appropriate angles and procedures for hair removal to meet the client's needs. 16.07
  08. 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. 16.08
  09. Identify bone structure, face shapes, and fashion trends to fulfill client's needs and desires. 16.09
  10. Clean and maintain implements by using appropriately mixed chemicals and following the procedures for decontamination of tools per Chapter 61G-5.002

(2), F. A.C., and dispose of "single use" items. 16.10

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## Hairdressers, Hairstylists, and Cosmetologists – Course Number: COS0002

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: 17.0
  01. Prepare the client for service. 17.01
  02. Analyze and evaluate the hair's chemical composition and structure. 17.02
  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. 17.03
  04. Understand the chemical reaction of the shampoo molecule on the hair and scalp and utilize proper manipulations. 17.04
  05. Rinse shampoo thoroughly from hair and scalp. Understand the chemical reaction of shampoo with water composition, temperature, and electrostatic force of each. 17.05
  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. 17.06
  07. Apply treatment or conditioner according to manufacturer's directions. 17.07
  08. Demonstrate the proper manipulation based on the scalp analysis and client consultation. 17.08
  09. Have working knowledge of the effects of electricity and light as it deals with the scalp chemically and physically. 17.09
  10. Application, processing, and removal of all types of conditioner including bond building repair pre/post treatments, if required. Understand the chemical reaction of conditioners/treatments with the water, manufacturing recommendations, and client's needs. 17.10
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: 18.0
  01. 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. 18.01

02. 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). 18.02
03. 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. 18.03
04. Check completed haircut for blends by analyzing the relationship between the hairs remaining on the client's head to the stature of the client using the different degree of elevation of hair. 18.04
05. Decontaminate, and maintain cutting implements using appropriately mixed chemicals (EPA approved and hospital grade) and following the manufacturer's directions and the procedure for decontamination and proper storage of tools per 61G5-22.005, F.A.C. 18.05

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## Hairdressers, Hairstylists, and Cosmetologists – Course Number: COS0003

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 hairstyles 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: 19.0
  01. 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. 19.01
  02. Perform "wet set" using principles of design (i.e. hair sculpturing, rollers and finger waves). 19.02
  03. Set up equipment and perform thermal styling using blow dryers, flat irons, curling irons, crimping irons, pressing combing, using principles of design. 19.03
  04. Demonstrate the principles of styling the client's hair utilizing knowledge of anatomy, angles and planes in "combing-out" various hairstyles. 19.04
  05. Demonstrate knowledge of braiding natural hair techniques by utilizing knowledge of anatomy and mathematics. 19.05
  06. Demonstrate ability in styling individual hairpieces by utilizing knowledge of chemistry, angles, and planes. 19.06
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: 20.0
  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. 20.01
  02. Measure client's head form as it relates to the similarity and proportionality of the individual wig or hairpiece. 20.02
  03. Cleanse and cut artificial hair utilizing chemical theory and practical application necessary to achieve the desired result. 20.03
  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. 20.04
  05. Demonstrate ability to create hairstyles by incorporating, attaching and blending hairpieces into the desired hairstyle. 20.05

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## Hairdressers, Hairstylists, and Cosmetologists – Course Number: COS0009

0. Identify and perform permanent waving, reconstructed curl and 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: 21.0
  01. Analyze scalp and hair for skin or hair disease or disorders to avoid adverse reaction and determine that proper chemical for the client. 21.01
  02. Select appropriate solution and strength, by measuring and mixing, according to hair texture and desired results. 21.02
  03. Demonstrate knowledge of chemical and physical changes. 21.03
  04. Demonstrate knowledge of possible adverse chemical reactions to the skin. Apply a protective barrier cream to avoid client injury. 21.04
  05. Apply the proper chemicals required for a re-arranger or chemical relaxer to achieve desired result. 21.05
  06. Demonstrate knowledge of the chemical reaction of chemical relaxer, reconstructive curl, and smoothing treatments to determine the necessary processing time. 21.06
  07. Read, analyze and perform rinsing or shampooing as per manufacturer's instructions to avoid adverse chemical reactions. 21.07
  08. Demonstrate knowledge of the proper selection of rods and wrapping techniques to achieve desired results. 21.08
  09. Demonstrate the ability to apply the processing solution for the appropriate time and perform test curl. 21.09
  10. Demonstrate the ability to rinse, blot, shampoo, and/or neutralize all chemical solutions. 21.10
  11. 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. 21.11
  12. Demonstrate chemical knowledge and application of leave-in treatments and record the results. 21.12
0. Identify and apply temporary, semi-permanent, permanent color, lightener and specialty color techniques. Identify the proper chemical to be prescribed. Understand the chemicals that affect the hair shaft and skin. Identify, measure, and predict chemical reactions. Demonstrate proper procedure and application of chemicals. – The student will be able to: 22.0
  01. Perform an 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. 22.01
  02. 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. 22.02

03. Describe, observe, identify and analyze the functions, structures, diseases and disorders of the scalp and hair. 22.03
  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. 22.04
  05. Divide the hair into appropriate sections to visualize the scalp for proper application of product. 22.05
  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. 22.06
  07. Perform a strand test to determine desired color using proper procedures. Follow all safety and sanitation procedures. 22.07
  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. 22.08
  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 data. 22.09
  10. Analyze the hair to determine if a conditioner or normalizing conditioner, bond building repair is needed either before, during, or after shampooing using the knowledge of the chemistry of conditioners. Follow manufacturer's directions. Complete the client consultation data. 22.10
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**Facials Specialty  
(8757400)**

**Grooming and Salon Services Core 1 - Course Number: 8757210**

0. Identify career opportunities. – The student will be able to: 01.0
  - 01. Identify career opportunities in the grooming and salon services field. 01.01
0. Demonstrate the importance of health, safety, and environmental management systems in organizations and their importance to organizational performance and regulatory compliance. – The students will be able to: 02.0
  - 01. Describe personal and jobsite safety rules and regulations that maintain safe and healthy work environments. 02.01
  - 02. Explain emergency procedures to follow in response to workplace accidents. 02.02
  - 03. Demonstrate awareness and practice the institutions disaster and/or emergency response plan. 02.03
0. Employ safe, sanitary, and efficient work practices. – The student will be able to: 03.0
  - 01. Using standard precautions identify decontamination procedures to insure the safety of the client and student in the classroom and laboratory. 03.01
  - 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. 03.02
  - 03. Clean and maintain implements by using appropriately mixed chemicals and following the procedures for decontamination of tools per Chapter 61G-5.002 (2), F.A.C. 03.03
  - 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. 03.04
  - 05. Describe, observe, identify and analyze the functions, structures, and diseases and disorders of the scalp and skin. 03.05
  - 06. Demonstrate and communicate to the client the proper care of scalp and skin through cleanliness, nutrition, and healthful living. 03.06
0. Demonstrate science knowledge and skills. – The students will be able to: 04.0
  - 01. Understand and identify chemistry as it applies to products used in the salon. 04.01
  - 02. Understand and identify science as it applies to anatomy and physiology. 04.02
  - 03. Understand and identify science as it applies to electricity and light therapy to perform appropriate treatment. 04.03
0. Explain the importance of employability skill and entrepreneurship skills. – The students will be able to: 05.0
  - 01. Identify and demonstrate positive work behaviors needed to be employable. 05.01
  - 02. Develop personal career plan that includes goals, objectives, and strategies. 05.02

03. Identify and exhibit traits for retaining employment. 05.03
04. Research the benefits of ongoing professional development. 05.04
05. List the advantages and disadvantages of business ownership. 05.05
0. Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives. – The students will be able to: 06.0
01. Establish and maintain effective working relationships with others in order to accomplish objectives and tasks. 06.01
02. Employ mentoring skills to inspire and teach others. 06.02
0. Demonstrate personal money-management concepts, procedures, and strategies. – The students will be able to: 07.0
01. Develop a personal budget and/or financial goals. 07.01
02. Maintain financial records. 07.02
03. Research, compare, and contrast investment opportunities. 07.03
0. Describe the importance of professional ethics and legal responsibilities. – The students will be able to: 08.0
01. Demonstrate working knowledge of Florida Law, Chapter 477. 08.01
02. Demonstrate knowledge of the "Florida Right-to-know" Law, Chapter 442. 08.02
03. Evaluate and justify decisions based on ethical reasoning. 08.03
04. Evaluate alternative responses to workplace situations based on personal, professional, ethical, legal responsibilities, and employer policies. 08.04
05. Identify and explain personal and long-term consequences of unethical or illegal behaviors in the workplace. 08.05
06. Interpret and explain written organizational policies and procedures. 08.06
0. Use information technology tools. – The students will be able to: 09.0
01. Use personal information management (PIM) applications to increase workplace efficiency. 09.01
02. Integrate available technological tools to expedite workflow including word processing, databases, reports, spreadsheets, multimedia presentations, electronic calendar, contacts, email, and internet applications. 09.02
0. Solve problems using critical thinking skills, creativity and innovation. – The students will be able to: 10.0
01. Employ critical thinking skills independently and in teams to solve problems and make decisions. 10.01
02. Employ critical thinking and interpersonal skills to resolve conflicts. 10.02
03. Identify and document workplace performance goals and monitor progress toward those goals. 10.03
04. Conduct technical research to gather information necessary for decision-making. 10.04

0. Use oral and written communication skills in creating, expressing and interpreting information and ideas. – The students will be able to: 11.0
    01. Design, develop and deliver formal and informal presentations by possibly using appropriate media to engage and inform diverse audiences. 11.01
    02. Interpret verbal and nonverbal cues/behaviors that enhance communication. 11.02
    03. Apply active listening skills to obtain and clarify information. 11.03
    04. Interpret tables and charts to support written and oral communications. 11.04
    05. Exhibit public relations skills that aid in achieving customer satisfaction. 11.05
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**Facials Specialty 2 Course Number: 8757410**

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 skin that can be described, measured and predicted. Demonstrate proper procedure and application of chemicals. – The student will be able to: 12.0
  01. Choose and assemble the appropriate supplies, products, and equipment based on skin analysis and client consultation. 12.01
  02. Demonstrate knowledge of action and reaction of chemical products used for the facial treatment. 12.02
  03. Demonstrate knowledge of available treatments including manual extractions 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. 12.03
  04. Demonstrate ability and knowledge to correctly treat the face, neck and décolleté using product knowledge of reactions to chemicals on the different skin types and conditions. 12.04

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### Facials Specialty 3 - Course Number: 8757420

0. Perform facials, manipulation, make-up, hair removal and artificial lash application. Identify the proper chemical to be prescribed using an understanding of the chemistry that affects the skin that can be described, measured and predicted. Demonstrate proper procedure and application of chemicals. – The student will be able to: 13.0
01. Demonstrate working knowledge of chemicals used for lash and eyebrow tinting and the adverse reactions that may occur as per manufactures directions. 13.01
02. Demonstrate proper procedure for applying artificial eyelashes with a working knowledge of the chemicals and adverse reactions that may occur. 13.02
03. Shape eyebrows by tweezing, waxing, threading and sugaring incorporating bone structure, appropriate angles and procedures for hair removal to meet the client's needs. 13.03
04. 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. Use active listening to communicate with the client an understanding of factors that influence the determination of strategies necessary to meet individual client needs. 13.04
05. Perform a color analysis and determine ideal facial shape. 13.05
06. Apply basic, corrective, evening and/or glamour make-up based on 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. 13.06