South Carolina CTE

Secondary Cosmetology (2015): Grades 10, 11, 12

Adopted 2015

Science of Cosmetology

B. Sanitation and Sterilization M1.B

1. Demonstrate sanitation and safety procedures. M1.B.1
    1. Describe the principles of infection. M1.B.1.1
    2. Explain the principles of prevention. M1.B.1.2
    3. Explain the procedures for first aid and fire safety in the workplace M1.B.1.3
2. Demonstrate professional/personal hygiene and grooming practices. M1.B.2
    1. Explain the importance of professional/personal hygiene. M1.B.2.1
    2. Describe sanitation violations that professionals need to avoid. M1.B.2.2
    3. Demonstrate ergonomic principles, postures, and movements. M1.B.2.3
3. Recommend safety precautions to be practiced in Cosmetology facilities. M1.B.3
    1. Discuss the importance of universal precautions. M1.B.3.1
    2. Identify procedures to maintain a safe work environment. M1.B.3.2

C. Professionalism and Salon Management M1.C

1. Explain the origin of and historical advancements in the cosmetology profession including career opportunities. M1.C.1
    1. Explain the origin of appearance enhancements. M1.C.1.1
    2. Compare the advancements made in cosmetology during the 19th, 20th, and early 21st centuries. M1.C.1.2
    3. Explore cosmetology career options and employability skills. M1.C.1.3
2. Demonstrate professional conduct and behavior. M1.C.2
    1. Analyze life skill practices that lead to success. M1.C.2.1
    2. Explain the most effective ways to manage time and practice good study habits. M1.C.2.2
    3. Describe ethical practices. M1.C.2.3
    4. Create a mission statement. M1.C.2.4
    5. Explain effective human relations and communication skills. M1.C.2.5

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3. Analyze laws, rules, regulations, and codes that govern the cosmetology profession. M1.C.3
    1. Identify state laws, rules, regulations, and codes that govern the cosmetology profession. M1.C.3.1
    2. Examine federal, state, and local governing agencies and their functions. M1.C.3.2

D. Sciences of Cosmetology M1.D

1. Explain the body systems and their specific functions. M1.D.1
    1. Describe the structure and the reproductive process of cells. M1.D.1.1
    2. Explain tissue and identify the types of tissues found in the body. M1.D.1.2
    3. Identify the 10 body systems and explain their basic functions. M1.D.1.3
2. Analyze the structure and composition of the hair. M1.D.2
    1. Identify and describe the structure of the hair root. M1.D.2.1
    2. Name and describe the three layers of the hair shaft. M1.D.2.2
    3. Explain side bonds, hair pigment, and wave patterns. M1.D.2.3
3. Explain chemical reactions that occur under different conditions. M1.D.3
    1. Distinguish between organic and inorganic chemistry. M1.D.3.1
    2. Analyze the different forms of matter. M1.D.3.2
    3. Explain the relationship between chemicals and professional products. M1.D.3.3
4. Describe the safe use of electricity in the Cosmetology profession. M1.D.4
    1. Explain the nature of electricity and the types of current. M1.D.4.1
    2. Explain the principles of electrical equipment safety. M1.D.4.2
    3. Distinguish between the different types of electrical measures. M1.D.4.3
    4. Describe electrotherapy and light therapy procedures. M1.D.4.4

E. Professional Hair Care Skills M1.E

1. Demonstrate shampooing and conditioning techniques. M1.E.1
    1. Perform pre- and post-service procedures. M1.E.1.1
    2. Recommend shampoos and conditioners that nourish hair. M1.E.1.2
    3. Explain the effect of different water types on shampoo services. M1.E.1.3
    4. Demonstrate shampooing and conditioning procedures based on client consultation. M1.E.1.4

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2. Perform different hair cutting techniques based on client consultation. M1.E.2
    1. List the factors involved in a successful client consultation. M1.E.2.1
    2. Identify reference points, facial shapes, and areas of the head and understand their role in haircutting. M1.E.2.2
    3. Define angles, elevations, and guidelines. M1.E.2.3
    4. Demonstrate body posture needed to maintain health. M1.E.2.4
    5. Explain the results obtained by various haircutting tools. M1.E.2.5
    6. Demonstrate mastery of a blunt, 0-degree elevation haircut. M1.E.2.6
3. Create hairstyles based on client consultation. M1.E.3
    1. Perform client consultation. M1.E.3.1
    2. Compare different wet and blow dry styling techniques. M1.E.3.2
    3. Demonstrate roller placement and finishing techniques. M1.E.3.3
    4. Describe various long hair designs and braiding techniques. M1.E.3.4

F. Professional Nail Care Skills M1.F

1. Analyze the structure and composition of the nail to perform fundamental nail care services. M1.F.1
    1. Describe the structure, composition, and growth of the nail. M1.F.1.1
    2. Demonstrate the safe use of nail equipment, implements, materials, and products required to perform manicures and pedicures. M1.F.1.2
    3. Perform a basic manicure. M1.F.1.3
    4. Perform a basic pedicure. M1.F.1.4

Fundamentals of Cosmetology

B. Sanitation and Sterilization M2.B

1. Demonstrate sanitary and safe procedures. M2.B.1
    1. Compare the different safety and sanitary procedures. M2.B.1.1
    2. Explain the types of disinfectants and how they are used. M2.B.1.2
    3. Demonstrate proper procedures for using disinfectants safely. M2.B.1.3
    4. Demonstrate exposure incident procedures. M2.B.1.4
2. Exhibit personal hygiene, grooming, and physical presentation practices that enhance health and comfort. M2.B.2
    1. Explain the impact of personal hygiene on the workplace. M2.B.2.1
    2. Discuss professional images. M2.B.2.2
    3. Demonstrate correct body posture and movements. M2.B.2.3
    4. Evaluate ergonomic principles in workplace designs and practices including the use of tools and equipment. M2.B.2.4

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C. Professionalism and Salon Management M2.C

1. Demonstrate professional practices that lead to successful careers. M2.C.1
    1. Analyze soft skills that are crucial to success in the workplace. M2.C.1.1
2. Evaluate various marketing strategies. M2.C.2
    1. Identify the elements of successful business marketing. M2.C.2.1
    2. Explain why selling services and products is a vital aspect of business success. M2.C.2.2
3. Explain laws, regulations, rules and codes. M2.C.3
    1. Analyze laws and rules that govern the cosmetology profession. M2.C.3.1
    2. Explore the responsibilities of federal, state, and/or local governing agencies. M2.C.3.2

D. Sciences of Cosmetology M2.D

1. Analyze the body systems and their specific functions. M2.D.1
    1. Identify the bones in the skeletal system. M2.D.1.1
    2. Describe the muscles. M2.D.1.2
    3. Explain the divisions of the nervous system. M2.D.1.3
2. Analyze the structure and composition of the hair. M2.D.2
    1. Identify different hair textures. M2.D.2.1
    2. Describe the growth cycles of hair. M2.D.2.2
3. Demonstrate safe methods to mix chemicals used in professional products. M2.D.3
    1. Determine the difference between solutions, suspensions, and emulsions. M2.D.3.1
    2. Explain pH and the pH scale. M2.D.3.2
    3. Differentiate between pure substances and physical mixtures. M2.D.3.3
4. Demonstrate skills to safely use electricity in the cosmetology profession. M2.D.4
    1. Follow guidelines for the safe use of electrical equipment. M2.D.4.1

E. Professional Hair Care Skills M2.E

1. Perform services to develop/maintain healthy hair and scalp. M2.E.1
    1. Describe different hair and scalp conditions. M2.E.1.1
    2. Differentiate disorders that can and cannot be treated in the salon. M2.E.1.2
    3. Demonstrate different scalp manipulation techniques. M2.E.1.3

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2. Perform different hair cutting techniques based on client consultation. M2.E.2
    1. Classify haircuts as being blunt, graduated, uniform layered, long layered or combination cuts. M2.E.2.1
    2. Demonstrate mastery of a blunt and graduated 45-degree elevation haircut. M2.E.2.2
    3. Demonstrate mastery of the uniform-layered 90-degree elevation haircut. M2.E.2.3
3. Develop techniques to provide services and create hairstyles. M2.E.3
    1. Demonstrate finger waving, pin curling, roller setting, and hair wrapping techniques. M2.E.3.1
    2. Demonstrate blow-dry styling techniques. M2.E.3.2
    3. Demonstrate thermal tool manipulations and techniques. M2.E.3.3
    4. Describe procedures for soft, medium, and hard pressing. M2.E.3.4
    5. Create hairstyles using different techniques. M2.E.3.5
4. Demonstrate chemical hair texture services. M2.E.4
    1. Integrate the use of correct terminology when identifying, describing, and explaining. M2.E.4.1
    2. Describe the factors of a hair analysis for chemical texture services. M2.E.4.2
    3. Identify the tools, materials, and supplies that are needed for chemical wave texture services. M2.E.4.3
    4. Explain the two-step process and chemical actions that take place during permanent waving. M2.E.4.4
    5. Demonstrate and explain step-by-step chemical hair texture services. M2.E.4.5
5. Demonstrate mastery of hair coloring techniques. M2.E.5
    1. Explain how color theory relates to hair color. M2.E.5.1
    2. Describe how color is selected. M2.E.5.2
    3. Demonstrate application techniques for temporary color, semi-permanent colors, permanent color, natural and metallic hair color, demi-permanent color, and lighteners. M2.E.5.3

F. Professional Nail Care Skills M2.F

1. Perform fundamental nail care services based on client consultation. M2.F.1
    1. Identify nail diseases and disorders. M2.F.1.1
    2. Evaluate the condition of the nails to perform the appropriate care for each client. M2.F.1.2
    3. Perform services for natural nails. M2.F.1.3

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Sanitation and Sterilization M3.B

1. Demonstrate procedures to ensure client and personnel safety. M3.B.1
    1. Apply safety and sanitary procedures. M3.B.1.1
    2. Mix and properly use disinfectants safely. M3.B.1.2
    3. Demonstrate first aid procedures. M3.B.1.3
    4. Design/Select ergonomically designed workplaces and tools. M3.B.1.4
2. Demonstrate personal hygiene and grooming practices. M3.B.2
    1. Exhibit professional workplace attire. M3.B.2.1
    2. Analyze professional hygiene and grooming workplace responsibilities. M3.B.2.2

C. Professionalism and Salon Management M3.C

1. Analyze professional practices that lead to successful careers. M3.C.1
    1. Set short- and long-term goals for professional success. M3.C.1.1
    2. Explain the characteristics of a healthy, positive attitude. M3.C.1.2
2. Evaluate various marketing strategies. M3.C.2
    1. Develop networking strategies. M3.C.2.1
    2. Describe different salon business categories. M3.C.2.2
    3. Create a business plan. M3.C.2.3
    4. Develop a professional portfolio. M3.C.2.4
3. Evaluate lab practices based on South Carolina cosmetology laws, regulations, rules, and codes. M3.C.3
    1. Distinguish between lawful/unlawful practices for a salon. M3.C.3.1
    2. Prepare for the cosmetology licensure examinations. M3.C.3.2

D. Sciences of Cosmetology M3.D

1. Analyze the body systems and their specific functions. M3.D.1
    1. Identify the parts of the circulatory system and the function. M3.D.1.1
    2. Describe the endocrine, digestive, excretory, respiratory, and integumentary systems. M3.D.1.2
2. Analyze the hair and scalp based on client consultation. M3.D.2
    1. Identify different types of hair loss and treatments. M3.D.2.1
    2. Recommend treatment for disorders of the hair and scalp. M3.D.2.2
3. Demonstrate an understanding of the chemistry used in professional products. M3.D.3
    1. Explain cosmetology chemistry. M3.D.3.1
    2. Analyze physical and chemical properties. M3.D.3.2
    3. Distinguish between physical and chemical changes. M3.D.3.3

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4. Demonstrate skills to safely use electricity in the Cosmetology profession. M3.D.4
    1. Explain electrotherapy. M3.D.4.1
    2. Describe the types of light energy and light therapy. M3.D.4.2

E. Professional Hair Care Skills M3.E

1. Recommend effective methods to keep hair and scalp healthy. M3.E.1
    1. Describe the physical and microscopic properties of the hair and scalp. M3.E.1.1
    2. Perform general hair and scalp treatments based on client consultation. M3.E.1.2
2. Perform different hair cutting techniques based on client consultation. M3.E.2
    1. Demonstrate pre- and post-service procedures. M3.E.2.1
    2. Demonstrate mastery of different haircutting techniques: long-layered 180-degree haircutting; razor cutting; slide cutting; scissor-over-comb cutting; texturizing; notching; slithering; slicing; and carving. M3.E.2.2
3. Demonstrate the ability to provide styling and finishing techniques to complete a hairstyle that is both suitable and desirable to the customer. M3.E.3
    1. Demonstrate elements and principles of hair design. M3.E.3.1
    2. Create hairstyles for different facial shapes and to enhance or camouflage facial features. M3.E.3.2
    3. Create and demonstrate designs for men. M3.E.3.3
4. Demonstrate chemical hair texture services based on client consultation. M3.E.4
    1. Perform hair analyses for chemical texture services. M3.E.4.1
    2. Describe the various types of permanent waving solutions based on hair analysis and desired result. M3.E.4.2
    3. Create beautiful customized looks with specialized wrapping procedures. M3.E.4.3
    4. Demonstrate chemical hair relaxing procedures. M3.E.4.4
5. Perform haircoloring services based on clients' needs and expectations. M3.E.5
    1. Perform application techniques for temporary colors, semi-permanent colors, permanent colors, natural and metallic colors, hydrogen peroxide developers, and lighteners. M3.E.5.1
    2. Perform special effects hair coloring techniques. M3.E.5.2

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6. Differentiate various techniques used when working with natural and synthetic hair. M3.E.6
    1. Explain the difference between human and synthetic hair. M3.E.6.1
    2. Explain the difference between the two basic categories of wigs. M3.E.6.2
    3. Identify the different types of hairpieces. M3.E.6.3
    4. Demonstrate the maintenance and care of wigs, hairpieces, and enhancements. M3.E.6.4
    5. Demonstrate various methods of attaching hair extensions. M3.E.6.5
    6. Perform procedures for braids with and without extensions. M3.E.6.6

F. Professional Nail Care Skills M3.F

1. Perform specialized nail care services based on client consultation. M3.F.1
    1. Apply nail polish designs. M3.F.1.1
    2. Perform paraffin wax treatments. M3.F.1.2
    3. Perform hand, arm, and foot massages. M3.F.1.3
    4. Perform artificial nail enhancement services. M3.F.1.4

G. Professional Skin Care Skills M3.G

1. Perform skin care services and cosmetic applications. M3.G.1
    1. Demonstrate pre- and post-preparation services. M3.G.1.1
    2. Analyze the structure, composition, and growth of the skin. M3.G.1.2
    3. Describe the different types of skin care products and their benefits. M3.G.1.3
    4. Perform a variety of skincare treatments based on client needs. M3.G.1.4
    5. Perform hair removal services based on client consultation. M3.G.1.5
    6. Apply safety measures during facial treatments. M3.G.1.6

State Board Preparation and Transitional Skills

B. Sanitation and Sterilization & Safety M4.B

1. Demonstrate sanitary and safe procedures. M4.B.1
    1. Apply client protection methods. M4.B.1.1
    2. Perform safety and infection control procedures. M4.B.1.2
2. Exhibit professional hygiene and grooming practices. M4.B.2
    1. Demonstrate professional hygiene and grooming practices. M4.B.2.1
    2. Identify ergonomic designs to meet different needs. M4.B.2.2

C. Professionalism and Salon Management M4.C

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1. Analyze professional practices that lead to successful careers. M4.C.1
    1. Identify the theory and practical concepts needed to prepare and attain a license by the South Carolina Board of Cosmetology. M4.C.1.1
    2. Demonstrate professionalism in the classroom and lab settings. M4.C.1.2
    3. Exhibit ethical practices for workplace success. M4.C.1.3
2. Evaluate various marketing strategies. M4.C.2
    1. Demonstrate interviewing skills. M4.C.2.1
    2. Present portfolios in different formats to prospective employers. M4.C.2.2
    3. Revise and present a business plan. M4.C.2.3
3. Implement laws, regulations, rules, and codes that govern the cosmetology profession. M4.C.3
    1. Complete all requirements for cosmetology licensing. M4.C.3.1
    2. Analyze the components of a salon inspection. M4.C.3.2

D. Sciences of Cosmetology M4.D

1. Analyze the anatomy, physiology, and histology of the human body. M4.D.1
    1. Demonstrate an understanding of anatomy, physiology, and histology when applying entry level practical skill proficiency. M4.D.1.1
2. Analyze the scientific study of hair, its diseases and care. M4.D.2
    1. Describe the structure, composition, analysis, growth, loss and disorders of the hair and scalp when conducting a client consultation. M4.D.2.1
3. Demonstrate an understanding of the chemistry used in professional products. M4.D.3
    1. Explain chemistry principles when performing chemical services. M4.D.3.1
4. Demonstrate the safe use of electricity in the Cosmetology profession. M4.D.4
    1. Explain safety practices when using electrical equipment in everyday cosmetology practices. M4.D.4.1

E. Professional Hair Care Skills M4.E

1. Perform scalp and hair care treatment procedures based on client consultation. M4.E.1
    1. Explain and describe the scalp and hair to recommend and perform professional hair treatment services. M4.E.1.1
2. Perform different hair cutting techniques based on client consultation. M4.E.2
    1. Perform haircutting services based on client consultations. M4.E.2.1
    2. Demonstrate skills needed to take and successfully complete the state board licensure examination. M4.E.2.2

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3. Perform hair styling and roller placement services based on client consultation. M4.E.3
    1. Demonstrate mastery of roller placement skills. M4.E.3.1
    2. Demonstrate set-up and client protection. M4.E.3.2
    3. Follow steps for thermal styling and finishing techniques to create different hairstyles. M4.E.3.3
4. Perform chemical hair texture services. M4.E.4
    1. Prepare for set-up and client protection. M4.E.4.1
    2. Follow procedures for chemical hair texture services based on licensure exam procedures. M4.E.4.2
    3. Perform virgin relaxer and relaxer retouch procedures. M4.E.4.3
5. Perform haircoloring and bleaching services. M4.E.5
    1. Demonstrate the application of haircoloring techniques based on industry standards for timing. M4.E.5.1
    2. Demonstrate pre-service, various color services and post-service on clients based on client consultation. M4.E.5.2
    3. Demonstrate the procedures for haircoloring and virgin bleach. M4.E.5.3

F. Professional Nail Care Skills M4.F

1. Perform professional nail care services. M4.F.1
    1. Demonstrate professional nail care skills based on client consultation. M4.F.1.1

G. Professional Skin Care Skills M4.G

1. Perform skin care services and cosmetic applications based on practical examination requirements and/or client consultation. M4.G.1
    1. Perform basic makeup/facial procedures. M4.G.1.1
    2. Perform hair removal services. M4.G.1.2
    3. Explain the conditions that contraindicate hair removal in the salon. M4.G.1.3