Tennessee CTE

Cosmetology II

Cosmetology Career Readiness 1

1 **Postsecondary Education: Research and assess apprenticeships and postsecondary institutions (colleges of applied technology, community colleges, and four-year universities) in Tennessee and other states that offer cosmetology-related programs. Evaluate each license that is attainable in the cosmetology field. Develop a career pathway plan outlining academic and career achievement goals and objectives.** 1.1

Safety, Sanitation, and Efficient Work Practices 2

1 **Sanitation Procedures: Practice, and critique procedures for maintaining a safe and sanitary environment for clients present in a cosmetology facility.** 2.1

- a Evaluate government agencies that ensure safety and sanitation for the cosmetology industry. 2.1.A
- b Identify pathogens common to the salon setting. 2.1.B
- c Demonstrate proper sanitation and disinfection for the salon to prevent illness, communicable diseases, and injuries. 2.1.C
- d Complete an instructor-made safety test with 100 percent accuracy. 2.1.D
- e Clean and maintain implements by using appropriately mixed chemicals and follow procedures for decontamination of tools in accordance with OSHA and EPA guidelines. 2.1.E

2 **Chemical Safety: Demonstrate proper set-up and operation of equipment and utilization of materials by mixing disinfectants in appropriate proportions according to manufacturer's instructions. Complete training to receive certification for mixing disinfectants such as Barbicide. Clean and maintain implements by using appropriately mixed chemicals and follow procedures for decontamination of tools in accordance with OSHA and EPA guidelines.** 2.2

3 **Equipment and back safety: Demonstrate and explain the rationale behind the following safety concepts:** 2.3

- a Demonstrate proper posture and body positions during haircutting procedures. 2.3.A
- b Proper set-up and operation of equipment. 2.3.B
  1. Differentiate the nature of electricity and electric currents and describe the relationship of electric currents to the electromagnetic spectrum as it pertains to electrical safety. 2.3.B.1

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Anatomical Response to Services 3

1. **Anatomy Structure and Function: Summarize the different functions, structures, and diseases and disorders of hair, skin, and nails, and explain how to properly care for hair, skin, and nails through cleanliness, nutrition, and healthful living.** 3.1

2. **Response to Treatments and Services: Compare and contrast how a client's hair, skin, and nail anatomy reacts to various treatments and services. Explain why recognizing the differences between normal and abnormal anatomy is important in determining whether specific treatments and services are appropriate.** 3.2

Skin Procedures 4

1. **Proper Skin Procedures: Demonstrate proper skin procedures:** 4.1
   - a Evaluate the muscular and skeletal anatomy of the head/cranium 4.1.A
   - b Demonstrate a skin care service client consultation 4.1.B
   - c Demonstrate a wax service 4.1.C
   - d Demonstrate basic make-up application 4.1.D
   - e Demonstrate a facial with and without cleansing with ionization. 4.1.E

Nail Procedures 5

1. **Proper Nail Procedures: Demonstrate proper nail procedures:** 5.1
   - a Demonstrate proper removal of all materials. 5.1.A
   - b Use correct techniques to apply nail tips including all sanitary and safety procedures and chemical processes. 5.1.B
   - c Evaluate concepts related to the advanced artificial nail techniques to demonstrate the following while adhering to all manufacturer's directions and safety procedures: 5.1.C
     1. Correctly apply artificial material, acrylic and gels, to the free edge of the natural nail and or to the full natural nail. 5.1.C.1

Hair Styling Procedures 6

1. **Proper Hair Procedures: Differentiate and demonstrate the proper techniques used in scalp care, shampooing, conditioning, and draping including head massage and specialized treatments, hair brushing, shampoo and conditioning services, and sectioning.** 6.1

2. **Hairstyling Techniques and Implements: Identify, describe, and effectively demonstrate hairstyling techniques and manipulating implements appropriately, include the following, but not limited to:** 6.2
   - a Advanced hairstyling techniques 6.2.A
   - b Advanced braiding 6.2.B
   - c Sectioning 6.2.C
   - d Wet hairstyling 6.2.D
   - Roller curls 6.2.E
   - Comb-out techniques 6.2.F

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g Thermal hairstyling 6.2.G

3 **Wig Care: Evaluate different types of wigs and demonstrate proper care and storage.** 6.3

4 **Natural Hair Care Services: Demonstrate basic natural hair care services to include but not limited to:** 6.4

a Extensions 6.4.A

b Braiding 6.4.B

c Twisting 6.4.C

d Wefts 6.4.D

e Locks 6.4.E

Haircutting Procedures 7

1 **Principles of Haircuts: Incorporating geometric principles, identify and analyze the purpose and interrelationships related to various haircuts to:** 7.1

a Compare and contrast head form and reference points used in the basic principles of haircutting. 7.1.A

b Compare or contrast balance and consistency related to techniques using the razor, shears, or clippers. 7.1.B

c Explain and demonstrate the purpose and importance of safety precautions and holding techniques when using various hair cutting tools (razor, shears, clippers, or thinning shears). 7.1.C

2 **Haircutting Basics: Compare and contrast lines, angles, and elevation related to basic principles of hair cutting when performing and creating various haircuts that incorporate a:** 7.2

a Uniform layered hair cut using 90° elevation. 7.2.A

b Long layered hair cut using 180° elevation. 7.2.B

c Graduated hair cut using 45° elevation. 7.2.C

d Blunt hair cut using 0° elevation. 7.2.D

3 **Haircutting Terms: Research and describe the use of the following hair cutting terms based on an effective mock client consultation incorporating face shape and hair analysis that relate to:** 7.3

a Lines 7.3.A

b Sections 7.3.B

c Angles 7.3.C

d Elevation 7.3.D

e Guideline or design line 7.3.E

Over direction 7.3.F

Head form 7.3.G

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h Reference points 7.3.H

Chemical Services: Texture 8

1. **Chemical Composition of Hair: Analyze and illustrate the chemical composition of the hair including: side bonds of the cortex, hair pigment, wave pattern, and curly hair.** 8.1
2. **Waving Service Consultation: Demonstrate a client consultation for permanent waving service.** 8.2
3. **Chemical Structure of the Hair: Evaluate the chemical structure and pH of hair and differentiate between the chemical texture services based on how each service affects the structure and pH of the hair including distinguishing factors between hydrogen and disulfide bonds.** 8.3

Chemical Services: Color 9

1. **Chemistry of Haircoloring: Examine the roles of organic and inorganic chemistry, different states of matter, oxidation-reduction reactions, and pure substances and physical mixtures as it relates to hair color. Identify and analyze the formulation of hair color in relation to hair properties. Define and analyze the classification of hair coloring and lightening and give reasons clients color their hair.** 9.1
2. **Hair Coloring Developers and Lighteners: Evaluate chemicals used in the hair coloring process including developers and lighteners.** 9.2
   a Explain melanin's role in the hair coloring process. 9.2.A
   b Explain the role of hydrogen peroxide in hair color formulas. 9.2.B
   c Compare and contrast lightener processes. 9.2.C
3. **Color Theory: Analyze the color wheel and apply concepts of color theory to the development of hair color. Identify techniques that achieve desired hues, values, and intensities. Demonstrate the ability to color mix in various color systems, including color corrections.** 9.3

Salon Ownership 10

1. **Business Startup Process: Describe key components of the cosmetology business startup process (the entrepreneur, the environment, the opportunity, startup resources, and state laws, regulations, and legal responsibilities). Explain each component and identify the risks and rewards, highlighting the advantages and disadvantages of owning a business versus working for someone else.** 10.1
2. **Cosmetology Law: Research and summarize all state laws and licensing procedures in the cosmetology field, including but not limited to the cosmetologist license, specialist licenses, salon license, instructor license, and cosmetology school license.** 10.2