**Course Description:**

Students will learn basic shampooing, conditioning and haircutting including trimming, wet styling and thermal styling techniques when working with natural and synthetic hair. Students will also learn infection control and safety along with the science of ergonomics.

**Strand 1. Business Operations/21st Century Skills**

Learners apply principles of economics, business management, marketing and employability in an entrepreneur, manager and employee role to the leadership, planning, developing and analyzing of business enterprises related to the career field.

**Outcome: 1.2. Leadership and Communications**

Process, maintain, evaluate and disseminate information in a business. Develop leadership and team building to promote collaboration.

**Competencies**

1.2.3. Identify and use verbal, nonverbal and active listening skills to communicate effectively.

1.2.4. Use negotiation and conflict‐resolution skills to reach solutions.

1.2.5. Communicate information for an intended audience and purpose.

1.2.6. Use proper grammar and expression in all aspects of communication.

1.2.7. Use problem‐solving and consensus‐building techniques to draw conclusions and determine next steps.

1.2.8. Identify the strengths, weaknesses and characteristics of leadership styles that influence internal and external workplace relationships.

1.2.9. Identify advantages and disadvantages involving digital and/or electronic communications.

1.2.14. Use motivational strategies to accomplish goals.

**Outcome: 1.3. Business Ethics and Law**

Analyze how professional, ethical and legal behavior contributes to continuous improvement in organizational performance and regulatory compliance.

**Competencies**

1.3.2. Follow protocols and practices necessary to maintain a clean, safe and healthy work environment.

1.3.3. Use ethical character traits consistent with workplace standards (e.g., honesty, personal integrity, compassion, justice).

1.3.5. Access and implement safety compliance measures (e.g., quality assurance information, safety data sheets [SDSs], product safety data sheets [PSDSs], United States Environmental Protection Agency [EPA], United States Occupational Safety and Health Administration [OSHA]) that contribute to the continuous improvement of the organization. Protection Agency [EPA], United States Occupational Safety and Health Administration [OSHA]) that contribute to the continuous improvement of the organization.

**Outcome: 1.10. Sales and Marketing**

Manage pricing, place, promotion, packaging, positioning and public relations to improve quality customer service.

**Competencies**

1.10.2. Determine the customer's/client’s needs and identify solutions and potential community resources.

1.10.3. Communicate features, benefits and warranties of a product or service to the customer/client.

1.10.4. Identify the company policies and procedures for initiating product and service improvements.

**Strand 2. Human Body System**

Learners will analyze and explain the various forms, and functions associated with body systems and alterations from a normal state. Particular emphasis is given to disorders of the hair, skin, and scalp.

**Outcome: 2.1. The Human Body**

Describe the various human body systems and their functions.

**Competencies**

2.1.2. Describe nerve tissue and the nervous system, including regions of the brain and their function.

2.1.3. Describe the musculoskeletal system, including skeletal, cardiac and smooth muscle, and various bone structures.

**Outcome: 2.2. Disorders of the Skin, Glands, Hair and Scalp**

Identify and explain the various disorders and procedures associated with the skin, hair, glands, and scalp.

**Competencies**

2.2.1. Identify and describe diseases, and disorders of the skin and glands.

2.2.2. Describe procedures for skin disorders.

2.2.3. Explain the composition and structure of the hair follicle.(e.g., structure, shape, distribution and growth).

2.2.4. Complete a hair analysis and describe the qualities of hair.

2.2.5. Describe the various contagious and non-contagious disorders of the hair and scalp.

2.2.6. Explain corrective hair and scalp procedures.

2.2.7. Describe appropriate scalp manipulations and their respective functions.

**Strand 3. Health and Safety Interventions**

Students analyze the impact of hygiene and bacteriology on personal care services and how to demonstrate safe practices in accordance with federal, state and local regulations. Students gain general knowledge in infection control, prevention, and reducing risk of injury.

**Outcome: 3.1. Environmental Interventions**

Create and maintain a safe and sanitary environment.

**Competencies**

3.1.1. Use standard precaution guidelines, recommended by the Centers for Disease Control and Prevention.

3.1.2. Identify and remove environmental and electrical hazards to decrease the risk of falls, injury, or ingestion of dangerous materials (e.g., clutter, equipment, throw rugs, spills, plants, hazardous chemicals).

3.1.3. Demonstrate chemical and electrical safety and their application to the work environment.

3.1.4. Determine the risk of burns resulting from equipment, liquids, chemicals and fire.

3.1.5. Implement disaster preparedness response to fire, tornado, emergency evacuation, hazardous material spill, infant/child abduction, bomb threat, violent person, active shooter, missing adult and loss of power.

3.1.6. Identify risk factors of exposure to hazardous materials (i.e., chemical, radiologic, microbial) and provide safety precautions.

3.1.7. Account for all instruments, supplies and equipment.

3.1.8. Perform the safe operation, packing and cleaning of equipment.

3.1.9. Prepare and dispense solutions made from concentrates according to manufacturers’ directions.

3.1.10. Explain the need for appropriate working heights of chairs, stools, footrests, work areas and equipment.

3.1.11. Properly position clients to safely deliver service.

**Outcome: 3.2. Principles of Infection Control**

Use principles of infection control to prevent the growth and spread of pathogenic microorganism’s, infection, and ensure client safety.

**Competencies**

3.2.1. Identify the different types and classifications of bacteria.

3.2.2. Explain bacteria growth and its relationship to diseases and infection.

3.2.3. Describe the chain of infection and mechanisms for the spread of infection.

3.2.4. Implement methods of controlling or eliminating microorganisms and the importance of practices that hinder the spread of infection (e.g., hand washing, disinfecting care areas).

3.2.5. Use personal protective equipment (PPE) when encountering body fluids, potential of splashing, or respiratory droplets. (e.g., sneezing, coughing)

3.2.6. Perform various decontamination techniques and procedures.

3.2.7. Dispose of refuse and biodegradable materials, according to manufacturers’ directions and state and federal requirements.

3.2.8. Implement effective draping and client protection techniques.

3.2.9 Apply principles of decontamination (e.g. sanitize, disinfect, and sterilize.)

**Strand 4. Hair and Skin Services**

Students will learn to apply and analyze shampoo, rinse and conditioning services to clients. Students will perform hair analysis, cutting and styling services. Concepts and application of chemical waving, lightening, and coloring will be performed on clients.

**Outcome: 4.1. Perform Shampooing and Conditioning Services.**

Students will describe and perform various hair services including shampooing, conditioning and procedures of the scalp.

**Competencies**

4.1.1. Explain the function of shampoo, rinse and conditioning services.

4.1.2. Compare and contrast product composition and product features and select for each service.

4.1.3. Evaluate the hair’s chemical composition and structure

4.1.4. Apply and rinse shampoo thoroughly through the clients scalp.

4.1.5. Apply and rinse treatment or conditioner based on manufacturer’s guidelines.

4.1.6. Perform necessary procedural adjustments to accommodate different types and textures of hair.

4.1.7. Complete the proper manipulation based on scalp analysis and client assessment.

**Outcome: 4.4. Hair Styling Services**

Students will use form and texture, combined with direction and movement to create a hair style for natural and artificial hair.

**Competencies**

4.4.1. Describe the various types of human and synthetic hairpiece materials.

4.4.2. Recognize and select various artificial hair techniques.

4.4.3. Measure and demonstrate a client for an appropriately fitted wig or hairpiece (e.g., shape, block, adjust).

4.4.4. Clean and store wigs and hairpieces care procedures (e.g., styling, cleaning, storing).

4.4.5. Compare and contrast various hair styles in relation to texture, direction, and movement.

4.4.6. Describe how various waves, curls and braids contribute as major components of styling hair.

4.4.7. Compare and contrast the various hair styling implements (e.g., rollers, clips) to the desired styles.

4.4.8. Perform thermal styling techniques and their respective applications.

4.4.9. Complete a finished style comb-out.

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

4.4.11. Apply braiding techniques to natural and artificial hair.

**Outcome: 4.5. Haircutting**

Students will cut hair to create various forms and shapes while demonstrating the proper use of equipment.

**Competencies**

4.5.1. Describe and demonstrate the use of razors, shears and clippers.

4.5.2. Describe sectioning, angles, lines and elevation.

4.5.3. Divide hair in to sections according to desired haircut.

4.5.4. Apply the use of razors, shears and clippers to achieve the desired results.

4.5.5. Apply the use of lines and angles to obtain the desired results.

4.5.6. Edge and clean neckline to the appropriate shape and length.

4.5.7. Evaluate haircut for proportion and balance.

**Strand 5. Nail and Facial Services**

Students will examine the nails and recognize common disorders and diseases. Students will apply techniques for various facial services for clients. Students will also apply face, arm, and hand massage techniques for clients.

**Outcome: 5.2. Skin Care Services**

Students will perform facial services including hair removal, facial massage, and makeup procedures.

**Competencies**

5.2.6. Analyze facial features and face shape.