

Florida Department of Education  
CURRICULUM FRAMEWORK

**Program Title:** BARBERING  
**Program Type:** Job Preparatory  
**Occupational Area:** Industrial Education  
**Components:** One Program with Two Occupational Completion Points

	<u>Secondary</u>	<u>PSAV</u>
<b>Program Numbers</b>	8757100	I120402
CIP Number	0612.040200	0612.040200
Grade Level	9-12, 30, 31	30, 31
Standard Length	8 credits	1200 hours
Certification	BARBERING @7 G PERS SERV @7 G	BARBERING @7 G PERS SERV @7 G
Facility Code:	244	244
Co-op Method:	No	No
Apprenticeship:	No	No
CSO:	SkillsUSA-VICA	SkillsUSA-VICA
Basic Skills:		
Math		9
Language		9
Reading		9

I. **MAJOR CONCEPTS/CONTENT:** The purpose of this program is to prepare students for employment as restricted barbers (SOC 39-5011.00) or barbers (OES 68002) (SOC 39-5011.00). Instruction is designed to qualify students for employment upon successfully passing the Florida Restricted Barber or Barber License Examination.

The content includes, but is not limited to, communication skills, leadership skills, human relations skills and employability skills, safe and efficient work practices; Florida barber law and rules, knowledge of barbering and its related chemistry, bacteriology, anatomy and physiology; development of skill in performing the manipulative technique required in the practice of barbering.

II. **PROGRAM STRUCTURE:** This program is a planned sequence of instruction consisting of one program and two occupational completion points. When the recommended sequence is followed, the structure allows students to complete specified portions of the program for employment or to remain for advanced training.

Listed below are the courses that comprise this program when offered at the secondary level:

- 8757110 - Barbering 1
- 8757120 - Barbering 2
- 8757130 - Barbering 3
- 8757140 - Barbering 4
- 8757150 - Barbering 5
- 8757160 - Barbering 6
- 8757170 - Barbering 7
- 8757180 - Barbering 8

This program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the barbering industry: health and safety, hands-on applications, technical and production skills, employability skills, cosmetic chemistry, and environmental issues related to the barbering industry.

**III. LABORATORY ACTIVITIES:** Instruction and learning activities are provided in a laboratory setting using hands-on experience with tools and chemicals appropriate to the program content and in accordance with safety and sanitation practices in the trade.

**IV. SPECIAL NOTES:** SkillsUSA, Inc. is the appropriate Career Student Organization (CSO) for providing leadership training and for reinforcing specific career and technical skills. CSOs, when provided, shall be an integral part of the career and technical instructional program, and the activities of such organizations are defined as part of the curriculum in accordance with Rule 6A-6.065, FAC.

If this program is offered for 450 hours or more, in accordance with Rule 6A-10.040, FAC, the minimum basic-skills grade levels required for postsecondary adult vocational students to exit this program are: Mathematics 9.0, Language 9.0, and Reading 9.0. These grade-level numbers correspond to grade-equivalent scores obtained on one of the state-designated basic-skills examinations. If a student does not meet the basic-skills level required for completion of the program, remediation should be provided concurrently through Vocational Preparatory Instruction (VPI). Please refer to the Rule for exemptions.

To be transferable statewide between institutions, this program/course must have been reviewed, and a "transfer value" assigned the curriculum content by the appropriate Statewide Course Numbering System discipline committee. This does not preclude institutions from developing specific program or course articulation agreements with each other.

When this program is offered at the postsecondary level, it may be offered in courses. Vocational credit shall be awarded to the student on a transcript in accordance with Section 1001.44, F.S.

When a secondary student with a disability is enrolled in a vocational class with modifications to the curriculum framework, the particular outcomes and student performance standards that the student must master to earn credit must be specified on an individual basis. The job or jobs for which the student is being trained should be reflected in the student's desired postschool outcome statement on the Transition Individual Educational Plan (Transition IEP).

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Adult students with disabilities must self-identify and request such services. Students with disabilities may need accommodations in such areas as instructional methods and materials, assignments and assessments, time demands and schedules, learning environment, assistive technology and special communication systems. Documentation of

the accommodations requested and provided should be maintained in a confidential file.

SCANS Competencies: Instructional strategies for this program must include methods that require students to identify, organize, and use resources appropriately; to work with each other cooperatively and productively; to acquire and use information; to understand social, organizational, and technological systems; and to work with a variety of tools and equipment. Instructional strategies must also incorporate the methods to improve students' personal qualities and high-order thinking skills.

- V. **INTENDED OUTCOMES**: After successfully completing the program, the student will be able to:

**OCCUPATIONAL COMPLETION POINT - DATA CODE A**

RESTRICTED BARBER - SOC 39-5011.00

- 01.0 Demonstrate safe, sanitary and efficient work practices.
- 02.0 Identify and perform shampoo/hair conditioners and scalp treatment.
- 03.0 Identify and perform trimming/shaping hair.
- 04.0 Identify and perform hairstyles.
- 05.0 Identify and perform mustache and beard design.
- 06.0 Demonstrate shaving the face.
- 07.0 Demonstrate appropriate understanding of basic science.
- 08.0 Identify and perform facial treatments.
- 09.0 Demonstrate knowledge of professional development (employability skills).
- 10.0 Demonstrate knowledge of Florida law and State Board requirements.

**OCCUPATIONAL COMPLETION POINT - DATA CODE B**

BARBER - OES 68002, SOC 39-5011.00

- 11.0 Identify and prepare hairpieces, wigs and hair attachments.
- 12.0 Identify and perform permanent wave/reconstruction curl/chemical relaxing.
- 13.0 Identify and apply temporary/semi-permanent and permanent color/bleach and specialty color techniques.
- 14.0 Demonstrate an understanding of entrepreneurship.

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

Program Title: Barbering  
Postsecondary Number: I120402

**OCCUPATIONAL COMPLETION POINT - DATA CODE A**

LIMITED BARBER - SOC 39-5011.00

- 01.0 DEMONSTRATE SAFE, SANITARY AND EFFICIENT WORK PRACTICES--The student will be able to:
- 01.01 Observe and apply sanitation and shop safety rules and practices in all skill procedures.
  - 01.02 Set up and operate equipment and utilize materials.
  - 01.03 Clean and maintain implements and equipment.
  - 01.04 Demonstrate professional ethics with clients and co-workers.
  - 01.05 Analyze and recognize hair, skin and scalp conditions.
  - 01.06 Analyze hair, skin and scalp products using Ph scale.
  - 01.07 Identify the histology of skin and hair.
  - 01.08 Exhibit professional occupational skills.
  - 01.09 Determine the need for and perform corrective services.
- 02.0 IDENTIFY AND PERFORM SHAMPOO/HAIR CONDITIONERS AND SCALP TREATMENT--The student will be able to:
- 02.01 Prepare the client for service.
  - 02.02 Analyze and recognize hair and scalp condition.
  - 02.03 Select appropriate products (shampoo, conditioners, scalp treatments).
  - 02.04 Apply shampoo and manipulate to cleanse hair and scalp.
  - 02.05 Rinse shampoo thoroughly from hair and scalp.
  - 02.06 Select appropriate hair or scalp conditioners/treatment (reconstructor, acid rinse, moisturizer, detangler, oily).
  - 02.07 Apply treatment or conditioner according to manufacturer's directions.
  - 02.08 Perform scalp manipulation, if required.
  - 02.09 Set up and operate electrical equipment as required (high frequency currents, ultra violet or infra red).
- 03.0 IDENTIFY AND PERFORM TRIMMING/SHAPING HAIR (CUTTING)--The student will be able to:
- 03.01 Prepare the client and determine needs and desires (consultation).
  - 03.02 Select and utilize hair cutting implements and techniques (shears, razor, clippers, texturizing implements).
  - 03.03 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.
  - 03.04 Edge and clean neckline with razor, clipper or shears.
  - 03.05 Check completed cut.
  - 03.06 Sanitize cutting implements using Universal Sanitation Procedures.
- 4.0 IDENTIFY AND PERFORM HAIR STYLES--The student will be able to:

- 04.01 Prepare client and determine needs and desired style (consultation).
  - 04.02 Identify and perform wet set using principles of design (hair sculpting, rollers and fingerwaves).
  - 04.03 Prepare and perform thermal styling using electric rollers, blow dryers, curling irons, crimping irons, thermo-pressing combing, air-waving combs using principles of design.
  - 04.04 Comb out into desired style.
  - 04.05 Utilize braiding technique.
- 05.0 IDENTIFY AND PERFORM MUSTACHE AND BEARD DESIGN--The student will be to:
- 05.01 Prepare the client.
  - 05.02 Demonstrate suitable mustache and/or beard design and cutting based on facial structure.
  - 05.03 Demonstrate trimming a mustache or trimming a beard.
  - 05.04 Practice standard finishing and sanitation procedures.
- 06.0 DEMONSTRATE SHAVING THE FACE--The student will be able to:
- 06.01 Prepare patron for shaving.
  - 06.02 Perform the shaving of the patron's face.
  - 06.03 Perform the final cleansing of face and neck.
- 07.0 DEMONSTRATE APPROPRIATE UNDERSTANDING OF BASIC SCIENCE--The student will be able to:
- 07.01 Identify health-related problems that 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 Understand molecular reactions of skin and hair as a result of physical and chemical changes.
  - 07.02 Draw conclusions or make inferences from data.
- 08.0 IDENTIFY AND PERFORM FACIAL TREATMENTS--The student will be able to:
- 08.01 Prepare the patron.
  - 08.02 Diagnose and identify skin condition.
  - 08.03 Assemble supplies and equipment.
  - 08.04 Cleanse face and neck.
  - 08.05 Perform designated treatment (mechanical or manual).
  - 08.06 Perform final cleansing of face and neck.
- 09.0 DEMONSTRATE KNOWLEDGE OF PROFESSIONAL DEVELOPMENT EMPLOYABILITY SKILLS)--The student will be able to:
- 09.01 Perform safety and health practices.
  - 09.02 Locate and select employment opportunities.
  - 09.03 Understand employment capabilities.
  - 09.04 Demonstrate employment-seeking skills.
  - 09.05 Demonstrate appropriate work behavior.
  - 09.06 Project a professional image.
  - 09.07 Work individually and cooperatively as a member of regular or culturally diverse team.
  - 09.08 Utilize communication skills applicable to the industry.
  - 09.09 Utilize math skills applicable to the industry.

- 09.10 Adapt to change.
- 09.11 Balance personal and professional life.
- 09.12 Use and conserve resources and energy.
- 09.13 Use or explain how computers are used in the Barbering business.

10.0 DEMONSTRATE KNOWLEDGE OF FLORIDA LAW AND STATE BOARD REQUIREMENTS--  
-The student will be able to:

- 10.01 Demonstrate working knowledge of Florida Law, Chapter 476.
- 10.02 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.
- 10.03 Demonstrate an understanding of the Federal "Right-To-Know" Law as stated in 29 C.F.R. 1910.1200.

**OCCUPATIONAL COMPLETION POINT - DATA CODE B**

BARBER - OES 68002, SOC 39-5011.00

11.0 IDENTIFY AND PREPARE HAIR PIECES WIGS AND HAIR ATTACHMENTS--The student will be able to:

- 11.01 Determine and identify styles and colors of wigs and hairpieces.
- 11.02 Measure the head and fit wig or hairpiece.
- 11.03 Clean, shape, and style to client's features.
- 11.04 Attach and blend hair pieces/extensions into desired style.

12.0 IDENTIFY AND PERFORM PERMANENT WAVE/RECONSTRUCTION CURL/CHEMICAL RELAXING--The student will be able to:

- 12.01 Prepare client and determine needs and desired style (consultation).
- 12.02 Analyze hair, check scalp.
- 12.03 Select appropriate solution strength according to hair texture, desired results.
- 12.04 Perform shampoo and shaping as required.
- 12.05 Apply protective cream or lotion.
- 12.06 Apply rearranger or straightener as required for desired results following curl or chemical relaxer.
- 12.07 Strand test for straightness if performing reconstruction curl or chemical relaxer.
- 12.08 Rinse or shampoo according to manufacturer's directions.
- 12.09 Select rods and wrap hair, if required, according to manufacturer's directions.
- 12.10 Apply processing solution and process, take test curls.
- 12.11 Rinse, blot, shampoo and/or neutralize.
- 12.12 Remove rods, condition and style, record results.
- 12.13 Apply leave-on treatment, if required. Record results.

13.0 IDENTIFY AND APPLY TEMPORARY/SEMI-PERMANENT AND PERMANENT COLOR/BLEACH AND SPECIALTY COLOR TECHNIQUES--The student will be able to:

- 13.01 Perform patch test (pre-disposition), if required.
- 13.02 Prepare client, determine needs and desires (consultation).
- 13.03 Analyze scalp and hair.
- 13.04 Select and assemble appropriate solutions according to hair texture and desired results.
- 13.05 Section hair, if required.

- 13.06 Mix, if required, and apply color, toner, and/or bleach according to manufacturer's directions.
  - 13.07 Perform strand tests.
  - 13.08 Identify and perform specialty-coloring techniques.
  - 13.09 Shampoo before or after applying color according to manufacturer's directions. Record results.
  - 13.10 Understand molecular reactions as a result of physical and chemical changes.
  - 13.11 Draw conclusions or make inferences from data.
- 14.0 DEMONSTRATE AN UNDERSTANDING OF ENTREPRENEURSHIP--The student will be able to:
- 14.01 Define entrepreneurship.
  - 14.02 Describe the importance of entrepreneurship to the American economy.
  - 14.03 List the advantages and disadvantages of business ownership.
  - 14.04 Identify the risks involved in ownership of a business.
  - 14.05 Identify the necessary personal characteristics of a successful entrepreneur.
  - 14.06 Identify the business skills needed to operate a small business efficiently and effectively.

**Florida Department of Education  
STUDENT PERFORMANCE STANDARDS**

**Course Title:**                **Barbering 1**  
**Course Number:**            8757110  
**Course Credit:**              1

**COURSE DESCRIPTION:** This course is designed to provide instruction in safety rules and procedures, school, classroom/laboratory procedures. It provides competencies in hair shampooing and conditioning, trimming and shaping hair using clippers, shears and razors.

**OCCUPATIONAL COMPLETION POINT - DATA CODE A**  
 LIMITED BARBER - SOC 39-5011.00

- 01.0 DEMONSTRATE SAFE, SANITARY AND EFFICIENT WORK PRACTICES--The student will be able to:
- 01.01 Observe and apply sanitation and shop safety rules and practices in all skill procedures. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.A.1.4, LA.A.2.4, LA.B.1.4, LA.B.2.4, LA.C.2.3, LA.C.3.4, LA.D.1.4, MA.B.1.4, MA.B.2.4, MA.B.3.4, MA.B.4.4, SC.A.1.4, SC.F.1.4, SC.H.1.4, SS.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
  - 01.02 Set up and operate equipment and utilize materials. AT.1.1.4, AT.2.1.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.A.1.4, LA.A.2.4, LA.C.2.4, MA.A.1.4, MA.A.2.4, MA.A.3.4, MA.B.4.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, PE.A.1.4, PE.A.2.4, PE.A.3.4, PE.B.1.4, PE.B.2.4, PE.C.1.4, PE.C.2.4
  - 01.03 Clean and maintain implements and equipment. AT.1.1.4, AT.2.1.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.A.1.4, LA.A.2.4, LA.C.2.4, MA.A.1.4, MA.A.2.4, MA.A.3.4, MA.B.4.4, SC.G.2.4, SS.C.2.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, PE.A.1.4, PE.A.2.4, PE.A.3.4, PE.B.1.4, PE.B.2.4, PE.C.1.4, PE.C.2.4
  - 01.04 Demonstrate professional ethics with clients and co-workers. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.C.1.4, LA.C.2.4, LA.C.3.4, LA.D.1.4, SS.C.2.4, HE.A.1.4, HE.A.2.4
  - 01.05 Analyze and recognize hair, skin and scalp conditions. AT.2.2.4, AT.2.3.4, AT.4.1.4, 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, LA.D.1.4, SC.F.1.4, 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
  - 01.06 Analyze hair, skin and scalp products using pH scale. AT.2.2.4, AT.2.3.4, AT.4.1.4, 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, LA.D.1.4, SC.A.1.4, SC.F.1.4, 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
  - 01.07 Identify the histology of skin and hair. 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, SC.F.1.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4

- 01.08 Exhibit professional occupational skills. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.2.4, MA.E.3.4, PE.B.2.4, PE.C.1.4, TH.A.1.4, TH.B.1.4, VA.B.1.4
- 01.09 Determine the need for and perform corrective services. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, SC.H.1.4, 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, PE.A.1.4, PE.A.2.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.E.1.4
- 02.0 IDENTIFY AND PERFORM SHAMPOO/HAIR CONDITIONERS AND SCALP TREATMENT--The student will be able to:
- 02.01 Prepare the client for service. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, 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, PE.A.1.4, PE.A.2.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.E.1.4
- 02.02 Analyze and recognize hair and scalp condition. AT.2.2.4, AT.2.3.4, AT.4.1.4, 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, LA.D.1.4, SC.F.1.4, 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
- 02.03 Select appropriate products (shampoo, conditioners, scalp treatments). AT.2.2.4, AT.2.3.4, AT.4.1.4, 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, LA.D.1.4, SC.H.1.4, HE.A.1.4, HE.A.2.4
- 02.04 Apply shampoo and manipulate to cleanse hair and scalp. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4
- 02.05 Rinse shampoo thoroughly from hair and scalp. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4
- 02.06 Select appropriate hair or scalp conditioners/treatment (reconstructor, acid rinse, moisturizer, detangler, oily scalp, dry scalp, or dandruff treatment). AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, SC.H.1.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4, HE.C.3.4
- 02.07 Apply treatment or conditioner according to manufacturer's directions. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, MA.B.1.4, MA.B.2.4, MA.B.3.4, MA.B.4.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4, HE.C.3.4
- 02.08 Perform scalp manipulation, if required. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, LA.D.2.4, PE.A.1.4, PE.A.2.4, PE.A.3.4, PE.B.1.4, PE.B.2.4
- 02.09 Set up and operate electrical equipment as required (high frequency currents, ultra violet or infra red rays). AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.5.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, LA.D.2.4, MA.B.3.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4

- 02.10 Remove conditioner or treatment, if required. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, LA.D.2.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4
- 03.0 IDENTIFY AND PERFORM TRIMMING/SHAPING HAIR (CUTTING)--The student will be able to:
- 03.01 Prepare the client and determine needs and desires (consultation). AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, 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, PE.A.1.4, PE.A.2.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.E.1.4
- 03.02 Select and utilize hair cutting implements and techniques (shears, razor, clippers, texturizing implements). 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, 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
- 03.03 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. 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
- 03.04 Edge and clean neckline with razor, clipper or shears. 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
- 03.05 Check completed cut. 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, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.B.2.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.D.2.4, FL.E.1.4
- 03.06 Sanitize cutting implements using Universal Sanitation Procedures. AT.1.1.4, AT.2.1.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.A.1.4, LA.A.2.4, LA.C.2.4, MA.A.1.4, MA.A.2.4, MA.A.3.4, MA.B.4.4, SC.G.2.4, SS.C.2.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, PE.A.1.4, PE.A.2.4, PE.A.3.4, PE.B.1.4, PE.B.2.4, PE.C.1.4, PE.C.2.4

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**Course Title:** Barbering 2  
**Course Number:** 8757120  
**Course Credit:** 1

**COURSE DESCRIPTION:** This course is designed to provide competencies in hair styling.

04.0 IDENTIFY AND PERFORM HAIR STYLES--The student will be able to:

- 4.01 Prepare client and determine needs and desired style (consultation). AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, 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, PE.A.1.4, PE.A.2.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.E.1.4
- 04.02 Identify and perform wet set using principles of design (hair sculpting, rollers and fingerwaves). 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, 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
- 04.03 Prepare and perform thermal styling using electric rollers, blow dryers, curling irons, crimping irons, thermo-pressing combing, air-waving combs using principles of design. 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
- 04.04 Comb out into desired style. 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, LA.D.1.4, 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, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.E.1.4
- 04.05 Utilize braiding technique. 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

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**Course Title:** Barbering 3  
**Course Number:** 8757130  
**Course Credit:** 1

**COURSE DESCRIPTION:** This course is designed to provide competencies in mustache and beard design.

05.0 IDENTIFY AND PERFORM MUSTACHE AND BEARD DESIGN--The student will be to:

- 05.01 Prepare the client. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, 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, PE.A.1.4, PE.A.2.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.E.1.4
- 05.02 Demonstrate suitable mustache and/or beard design and cutting based on facial structure. AT.2.2.4, AT.2.3.4, AT.4.1.4, 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, LA.D.1.4, LA.D.2.4, SC.H.1.4, MA.B.3.4, 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, PE.A.1.4, PE.A.2.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.E.1.4
- 05.03 Demonstrate trimming a mustache or trimming a beard. 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
- 05.04 Practice standard finishing and sanitation procedures. AT.1.1.4, AT.2.1.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.A.1.4, LA.A.2.4, LA.C.2.4, MA.A.1.4, MA.A.2.4, MA.A.3.4, MA.B.4.4, SC.G.2.4, SS.C.2.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, PE.A.1.4, PE.A.2.4, PE.A.3.4, PE.B.1.4, PE.B.2.4, PE.C.1.4, PE.C.2.4

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

Course Title: Barbering 4  
Course Number: 8757140  
Course Credit: 1

**COURSE DESCRIPTION:** This course is designed to provide competencies in shaving.

06.0 DEMONSTRATE SHAVING THE FACE--The student will be able to:

- 06.01 Prepare patron for shaving. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, 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, PE.A.1.4, PE.A.2.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.E.1.4
- 06.02 Perform the shaving of the patron's face. 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
- 06.03 Perform the final cleansing of face and neck. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.8.1.4, AT.9.1.4, 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, SC.A.1.4, 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

**Florida Department of Education  
STUDENT PERFORMANCE STANDARDS**

**Course Title:** Barbering 5  
**Course Number:** 8757150  
**Course Credit:** 1

**COURSE DESCRIPTION:** This course is designed to provide the student with an opportunity to develop competencies in basic science and facial treatments.

- 07.0 DEMONSTRATE APPROPRIATE UNDERSTANDING OF BASIC SCIENCE--The student will be able to:
- 07.01 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. AT.4.1.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, 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, SC.A.1.4, SC.F.1.4, 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, PE.A.1.4, PE.A.2.4, PE.A.3.4, PE.B.1.4, PE.B.2.4, PE.C.1.4, PE.C.2.4
  - 07.02 Understand molecular reactions as a result of physical and chemical changes. 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.1.4, MA.B.2.4, MA.B.3.4, MA.B.4.4, SC.A.1.4, SC.A.2.4, SC.B.1.4, SC.B.2.4
  - 07.03 Draw conclusions or make inferences from data. 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.E.3.4, SC.H.1.4
- 08.0 IDENTIFY AND PERFORM FACIAL TREATMENTS--The student will be able to:
- 08.01 Prepare the patron. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, 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, PE.A.1.4, PE.A.2.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.E.1.4
  - 08.02 Diagnose and identify skin condition. AT.2.2.4, AT.2.3.4, AT.4.1.4, 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, LA.D.1.4, SC.F.1.4, 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
  - 08.03 Assemble supplies and equipment. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.A.1.4, LA.A.2.4, LA.B.1.4, LA.B.2.4, LA.C.2.4, LA.C.3.4, LA.D.1.4, MA.A.1.4, MA.A.2.4, MA.A.3.4, MA.B.1.4, MA.B.2.4, MA.B.3.4, MA.B.4.4, SC.A.1.4, SC.F.1.4, SC.G.2.4, SC.H.1.4, SS.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, PE.A.1.4, PE.A.2.4, PE.A.3.4, PE.B.1.4, PE.B.2.4, PE.C.1.4, PE.C.2.4
  - 08.04 Cleanse face and neck. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.8.1.4, AT.9.1.4, 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, SC.A.1.4, 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 Perform designated treatment (mechanical or manual).  
AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.8.1.4,  
AT.9.1.4, 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,  
SC.A.1.4, 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, PE.A.1.4, PE.B.1.4
- 08.06 Perform final cleansing of face and neck. AT.2.2.4,  
AT.2.3.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.8.1.4, AT.9.1.4,  
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, SC.A.1.4, 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

**Florida Department of Education  
STUDENT PERFORMANCE STANDARDS**

**Course Title:** Barbering 6  
**Course Number:** 8757160  
**Course Credit:** 1

**COURSE DESCRIPTION:** This course is designed to provide the student with employability skills, state board laws, and hairpieces/wigs/hair attachments.

09.0 DEMONSTRATE KNOWLEDGE OF PROFESSIONAL DEVELOPMENT (EMPLOYABILITY SKILLS)--The student will be able to:

- 09.01 Perform safety and health practices. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, MA.A.1.4, MA.B.1.4, MA.B.2.4, MA.B.3.4, MA.B.4.4, SC.H.1.4, SS.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, PE.A.2.4
- 09.02 Locate and select employment opportunities. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.9.1.4, 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, LA.D.1.4, MA.E.3.4, SS.D.2.4
- 09.03 Understand employment capabilities. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.2.4, MA.E.3.4, PE.B.2.4, PE.C.1.4, TH.A.1.4, TH.B.1.4, VA.B.1.4
- 09.04 Demonstrate employment-seeking skills. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, LA.D.2.4, MA.E.3.4, HE.B.3.4
- 09.05 Demonstrate appropriate work behavior. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, LA.D.2.4, SS.C.2.4, HE.A.1.4, HE.A.2.4
- 09.06 Project a professional image. 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, LA.D.1.4, LA.D.2.4, SS.C.2.4, HE.A.1.4, HE.A.2.4
- 09.07 Work individually and cooperatively as a member of regular or culturally diverse team. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.C.1.4, LA.C.2.4, LA.D.1.4, LA.D.2.4, SS.C.2.4, HE.A.1.4, HE.A.2.4, PE.C.1.4
- 09.08 Utilize communication skills applicable to the industry. LA.C.1.4, LA.C.2.4, LA.C.3.4, LA.D.1.4, LA.D.2.4, SS.C.2.4, HE.B.3.4, PE.C.2.4, TH.A.1.4, TH.B.1.4, VA.B.1.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, MU.C.1.4, DA.C.1.4, DA.D.1.4
- 09.09 Utilize math skills applicable to the industry. AT.1.1.4, AT.2.1.4, AT.2.2.3, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.A.1.4, LA.A.2.4, LA.B.2.4, LA.C.1.4, LA.C.2.4, LA.C.3.4, LA.D.1.4,

- MA.A.1.4, MA.A.2.4, MA.A.3.4, MA.A.5.4, MA.B.2.4, MA.B.4.4, SS.D.1.4, SS.D.2.4
- 09.10 Adapt to change. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.1.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.B.2.4, LA.C.1.4, LA.C.2.4, LA.C.3.4, LA.D.1.4, MA.A.4.4, MA.A.5.4, MA.B.1.4, MA.B.2.4, MA.B.3.4, MA.B.4.4, MA.C.2.4, MA.C.3.4, MA.D.1.4, MA.E.1.4, MA.E.2.4, MA.E.3.4, SC.F.1.4, SC.H.1.4, SC.H.2.4, SC.H.3.4, SS.B.2.4, SS.D.1.4, FL.A.1.4, FL.B.1.4, FL.C.2.4, FL.D.1.4, FL.D.2.4, FL.E.1.4, 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
- 09.11 Balance personal and professional life. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.A.1.4, LA.A.2.4, LA.B.1.4, LA.B.2.4, LA.C.1.4, LA.C.2.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.C.1.4, HE.C.2.4, PE.A.3.4
- 09.12 Use and conserve resources and energy. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.A.1.4, LA.A.2.4, LA.B.1.4, LA.B.2.4, LA.C.1.4, LA.C.2.4, MA.B.1.4, MA.B.2.4, MA.B.4.4, SS.C.1.4, SS.D.2.4, SC.H.1.4, HE.A.1.4, HE.C.1.4
- 09.13 Use or explain how computers are used in the Barbering business. ZT.1.1.4, AT.1.2.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, LA.D.2.4

10.0 DEMONSTRATE KNOWLEDGE OF FLORIDA LAW AND STATE BOARD REQUIREMENTS--  
-The student will be able to:

- 10.01 Demonstrate working knowledge of Florida Law, Chapter 476. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, 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.1.4, SS.C.1.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.C.1.4, HE.C.2.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.D.2.4, FL.E.1.4
- 10.02 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. AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, SS.C.2.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.C.1.4, HE.C.2.4
- 10.03 Demonstrate an understanding of the Federal "Right-To-Know" Law as stated in 29 C.F.R. 1910.1200. AT.6.1.4, 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, SS.C.1.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.C.1.4, HE.C.2.4

**OCCUPATIONAL COMPLETION POINT - DATA CODE B**

BARBER - OES 68002, SOC 39-5011.00

11.0 IDENTIFY AND PREPARE HAIR PIECES, WIGS AND HAIR ATTACHMENTS--The student will be able to:

- 11.01 Determine and identify styles and colors of wigs and hairpieces. 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.A.3.4, LA.B.1.4, LA.B.2.4, LA.C.1.4, LA.C.2.4, LA.D.1.4, LA.D.2.4, MA.B.1.4, MA.B.2.4, 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, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4,  
 FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.D.2.4, FL.E.1.4, VA.A.1.4,  
 VA.B.1.4, VA.E.1.4
- 11.02 Measure the head and fit wig or hairpiece. 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.A.3.4, LA.B.1.4, LA.B.2.4, LA.C.1.4, LA.C.2.4,  
 LA.D.1.4, LA.D.2.4, MA.B.1.4, MA.B.2.4, 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, FL.A.1.4,  
 FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4,  
 FL.D.2.4, FL.E.1.4
- 11.03 Clean, shape, and style to client's features. 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.A.3.4, LA.B.1.4, LA.B.2.4, LA.C.1.4, LA.C.2.4,  
 LA.D.1.4, LA.D.2.4, MA.B.1.4, MA.B.2.4, MA.C.1.4, MA.C.2.4,  
 SC.A.1.4, SC.B.1.4, SC.H.1.4, HE.A.1.4, HE.A.2.4, HE.B.1.4,  
 HE.B.2.4, HE.B.3.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4,  
 FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.D.2.4, FL.E.1.4
- 11.04 Attach and blend hair pieces/extensions into desired style.  
 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.A.3.4, LA.B.1.4, LA.B.2.4, LA.C.1.4,  
 LA.C.2.4, LA.D.1.4, LA.D.2.4, MA.B.1.4, MA.B.2.4, MA.C.1.4,  
 MA.C.2.4, SC.A.1.4, SC.B.1.4, SC.H.1.4, HE.A.1.4, HE.A.2.4,  
 HE.B.1.4, HE.B.2.4, HE.B.3.4, FL.A.1.4, FL.A.2.4, FL.A.3.4,  
 FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.D.2.4, FL.E.1.4

**Florida Department of Education  
STUDENT PERFORMANCE STANDARDS**

**Course Title:** Barbering 7  
**Course Number:** 8757170  
**Course Credit:** 1

**COURSE DESCRIPTION:** This course is designed to provide the student with skills in permanent wave, reconstruction curl, and chemical relaxing.

**12.0 IDENTIFY AND PERFORM PERMANENT WAVE/RECONSTRUCTION CURL/CHEMICAL RELAXING--The student will be able to:**

- 12.01 Prepare client and determine needs and desired style (consultation). 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.A.3.4, LA.B.1.4, LA.B.2.4, LA.C.1.4, LA.C.2.4, LA.D.1.4, LA.D.2.4, MA.B.1.4, MA.B.2.4, 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, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.D.2.4, FL.E.1.4, VA.A.1.4, VA.B.1.4, VA.E.1.4
- 12.02 Analyze hair, check scalp. 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.A.3.4, LA.B.1.4, LA.B.2.4, LA.C.1.4, LA.C.2.4, LA.D.1.4, LA.D.2.4, MA.B.1.4, MA.B.2.4, 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, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.D.2.4, FL.E.1.4
- 12.03 Select appropriate solution strength according to hair texture, desired results. 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.A.3.4, LA.B.1.4, LA.B.2.4, LA.C.1.4, LA.C.2.4, LA.D.1.4, LA.D.2.4, MA.B.1.4, SC.A.1.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4
- 12.04 Perform shampoo and shaping as required. 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
- 12.05 Apply protective cream or lotion. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, AT.5.1.4, AT.5.2.4, 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, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4
- 12.06 Apply rearranger or straightener as required for desired results following curl or chemical relaxer. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, AT.5.1.4, AT.5.2.4, 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.1.4, MA.B.2.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4
- 12.07 Strand test for straightness if performing reconstruction curl or chemical relaxer. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, AT.5.1.4, AT.5.2.4, 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, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4
- 12.08 Rinse or shampoo according to manufacturer's directions. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, AT.5.1.4, AT.5.2.4, 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, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4
- 12.09 Select rods and wrap hair, if required, according to manufacturer's directions. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, AT.5.1.4, AT.5.2.4, 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.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
- 12.10 Apply processing solution and process; take test curls. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, AT.5.1.4, AT.5.2.4, 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, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4
- 12.11 Rinse, blot, shampoo and/or neutralize. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, AT.5.1.4, AT.5.2.4, 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, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4
- 12.12 Remove rods, condition and style; record results. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, AT.5.1.4, AT.5.2.4, 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, LA.D.1.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4
- 12.13 Apply leave-on treatment, if required. Record results. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, AT.5.1.4, AT.5.2.4, 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, LA.D.1.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4

Florida Department of Education  
STUDENT PERFORMANCE STANDARDS

**Course Title:** Barbering 8  
**Course Number:** 8757180  
**Course Credit:** 1

**COURSE DESCRIPTION:** This course is designed to provide the student with skills in coloring and a basic understanding of entrepreneurship.

- 13.0 IDENTIFY AND APPLY TEMPORARY/SEMI-PERMANENT AND PERMANENT COLOR/BLEACH AND SPECIALTY COLOR TECHNIQUES--The student will be able to:
- 13.01 Perform patch test (pre-disposition), if required.  
AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, 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, PE.A.1.4, PE.A.2.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.E.1.4
  - 13.02 Prepare client; determine needs and desires (consultation).  
AT.2.2.4, AT.2.3.4, AT.4.1.4, 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, LA.D.1.4, LA.D.2.4, SC.H.1.4, 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, PE.A.1.4, PE.A.2.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.E.1.4
  - 13.03 Analyze scalp and hair. AT.2.2.4, AT.2.3.4, AT.4.1.4, 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, LA.D.1.4, SC.F.1.4, 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
  - 13.04 Select and assemble appropriate solutions according to hair texture and desired results. 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.A.3.4, LA.B.1.4, LA.B.2.4, LA.C.1.4, LA.C.2.4, LA.D.1.4, LA.D.2.4, MA.B.1.4, SC.A.1.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4
  - 13.05 Section hair, if required. 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.A.2.4, MA.B.2.4, 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
  - 13.06 Mix, if required, and apply color, toner, and/or bleach according to manufacturer's directions. MA.B.1.4, MA.B.2.4, MA.B.3.4, SC.A.1.4, 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
  - 13.07 Perform strand tests. AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, AT.5.1.4, AT.5.2.4, 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, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4
  - 13.08 Identify and perform specialty-coloring techniques.  
AT.2.2.4, AT.2.3.4, AT.4.1.4, AT.8.1.4, AT.9.1.4, AT.5.1.4, AT.5.2.4, 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.1.4, MA.B.2.4, MA.B.3.4, MA.B.4.4, MA.C.1.4, MA.C.2.4, SC.A.1.4, HE.A.1.4, HE.A.2.4, HE.B.1.4, HE.B.2.4, HE.B.3.4

- 13.09 Shampoo before or after applying color according to manufacturer's directions. Record results. LA.D.1.4, MA.C.1.4, MA.C.2.4
- 13.10 Understand molecular reactions as a result of physical and chemical changes. 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.1.4, MA.B.2.4, MA.B.3.4, MA.B.4.4, SC.A.1.4, SC.A.2.4, SC.B.1.4, SC.B.2.4
- 13.11 Draw conclusions or make inferences from data. 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.1.4, MA.B.2.4, MA.B.3.4, MA.B.4.4, SC.A.1.4, SC.A.2.4, SC.B.1.4, SC.B.2.4
- 14.0 DEMONSTRATE AN UNDERSTANDING OF ENTREPRENEURSHIP--The student will be able to:
- 14.01 Define entrepreneurship. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, 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, LA.D.1.4, LA.D.2.4, MA.A.4.4, MA.E.3.4, SS.C.1.4, SS.D.2.4, PE.C.1.4, PE.C.2.4, FL.C.2.4, FL.D.1.4, FL.D.2.4, FL.E.1.4
- 14.02 Describe the importance of entrepreneurship to the American economy. AT.3.1.4, AT.7.1.4, AT.7.1.4, 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.D.1.4, LA.D.2.4, MA.E.3.4, SS.C.1.4, SS.C.2.4
- 14.03 List the advantages and disadvantages of business ownership. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.A.1.4, LA.A.2.4, LA.B.1.4, LA.C.1.4, LA.C.2.4, LA.D.1.4, MA.E.3.4, SS.D.1.4, SS.D.2.4, HE.B.1.4
- 14.04 Identify the risks involved in ownership of a business. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.A.1.4, LA.A.2.4, LA.B.1.4, LA.C.1.4, LA.C.2.4, LA.D.1.4, MA.E.3.4, SS.D.1.4, SS.D.2.4, HE.B.1.4
- 14.05 Identify the necessary personal characteristics of a successful entrepreneur. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.A.1.4, LA.A.2.4, LA.B.1.4, LA.C.1.4, LA.C.2.4, LA.D.1.4, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.D.2.4, FL.E.1.4
- 14.06 Identify the business skills needed to operate a small business efficiently and effectively. AT.1.1.4, AT.2.1.4, AT.2.2.4, AT.2.3.4, AT.3.1.4, AT.4.1.4, AT.5.1.4, AT.5.2.4, AT.6.1.4, AT.7.1.4, AT.8.1.4, AT.9.1.4, LA.A.1.4, LA.A.2.4, LA.B.1.4, LA.C.1.4, LA.C.2.4, LA.D.1.4, MA.A.1.4, MA.A.2.4, MA.B.1.4, MA.B.2.4, MA.B.4.4, MA.E.3.4, SS.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, FL.A.1.4, FL.A.2.4, FL.A.3.4, FL.B.1.4, FL.C.1.4, FL.C.2.4, FL.D.1.4, FL.D.2.4, FL.E.1.4