Florida Department of Education
Curriculum Framework

The standards and/or benchmarks for this program were updated for the 2026-27 academic year.

Program Title: **Cosmetology**
Program Type: **Career Preparatory**
Career Cluster: **Human Services**

Career Certificate Program		
Program Number	D500100	
CIP Number	0612040102	
Grade Level	30, 31	
Program Length	1200 hours	
Teacher Certification	Refer to the **Program Structure** section.	
CTSO	SkillsUSA	
SOC Codes (all applicable)	For program SOC codes, please see the Program and Course Tables section of the CTE Program Resources page linked below.	
CTE Program Resources	http://www.fldoe.org/academics/career-adult-edu/career-tech-edu/program-resources.stml	
Basic Skills Level	Computation (Mathematics): 8	Communications (Reading and Language Arts): 8

Purpose

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Human Services career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Human Services career cluster. This program offers a broad foundation of knowledge and skills to prepare students for employment in network support services positions.

A student who completes the Cosmetology program is prepared for employment as a licensed cosmetologist, opening numerous career opportunities in the industry. This instructional program is designed to qualify students for employment after they successfully obtain their cosmetology license. According to Florida Statute 477.013(4), the practice of cosmetology is defined as "the mechanical or chemical treatment of the head, face, and scalp for aesthetic rather than medical purposes." This includes, but is not limited to, services such as hair shampooing, hair cutting, hair arranging, hair coloring, permanent waving, and hair relaxing for compensation.

The content includes, but is not limited to: communication, leadership, human relations and employability skills; safe and efficient work practices; Florida cosmetology law and rules; acquisition of knowledge of the cosmetology/nails specialist/facial specialist and the related chemistry; bacteriology, anatomy and physiology; art of make-up; and development of skill in performing the manipulative and electrical techniques required in the practice of cosmetology/nails specialist and facials specialist occupations.

This program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the cosmetology industry; planning, management, finance, technical and production skills, underlying technological principles, labor, community, health, safety and environmental issues.

Additional Information relevant to this Career and Technical Education (CTE) program is provided at the end of this document.

Program Structure

This program consists of one occupational completion point. Students must complete the core or demonstrate the mastery of skills standards contained in the core, before advancing in the program.

This program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44(3)(b), F.S.

To teach the courses listed below, instructors must hold at least one of the teacher certifications indicated for that course.

The following table illustrates the postsecondary program structure:

OCP	Course Number	Course Title	Teacher Certification	Length
A	CSP0009	Grooming and Salon Services Core, Facials and Nails	COSMETOL @7 7G	225 hours
	COS0002	Cosmetologist and Hairstylist 1		300 hours
	COS0003	Cosmetologist and Hairstylist 2		300 hours
	COS0009	Cosmetologist and Hairstylist 3		375 hours

Regulated Programs

This program is regulated by the Florida Department of Business & Professional Regulation, Florida Board of Cosmetology.

Students wishing to complete the Cosmetology program, OCP A – Cosmetologist and Hairstylist, shall complete the requirements listed in Rule 61G5-22, F.A.C., that outline the basic curriculum which shall be used in cosmetology schools in the State of Florida. This curriculum includes definitions, level of acceptable competency, knowledge of Florida law – infection control.

Florida's Career Readiness Skills for CTE Programs

Employability Skills	
01.0	Apply academic skills to workplace scenarios.
01.01	Use reading skills.
01.02	Use writing skills.
01.03	Use mathematical strategies and procedures.
01.04	Use scientific principles and procedures.
02.0	Design a solution to an industry problem.
02.01	Use critical thinking.
02.02	Use creativity.
02.03	Make sound decisions.
02.04	Solve problems.
02.05	Reason.
02.06	Plan and organize.
03.0	Manage resources within an industry project
03.01	Manage time.
03.02	Manage money or resources.
03.03	Manage materials.
03.04	Manage personnel.
04.0	Oversee the subcomponents, operations and output of a technical or organizational system.
04.01	Manage systems.
04.02	Monitor systems.
04.03	Improve systems.
05.0	Use information for decision making.
05.01	Locate information.
05.02	Organize information.
05.03	Use information.

	05.04 Analyze information.
	05.05 Communicate information.
06.0	Apply relevant technology to workplace scenarios to aid productivity.
	06.01 Use technology.
07.0	Interpret and express interpersonal communication.
	07.01 Communicate verbally.
	07.02 Listen actively.
	07.03 Comprehend written material.
	07.04 Convey information in writing.
	07.05 Communicate nonverbally.
	07.06 Interpret nonverbal communication.
08.0	Interact with others to accomplish workplace goals.
	08.01 Collaborate with others in a team.
	08.02 Respond to customer needs.
	08.03 Exercise leadership.
	08.04 Negotiate to resolve conflict.
	08.05 Respect others.
09.0	Manage personal behavior to maximize productivity and professional growth.
	09.01 Demonstrate responsibility and self-discipline.
	09.02 Adapt and show flexibility.
	09.03 Work independently.
	09.04 Demonstrate a willingness to learn.
	09.05 Demonstrate integrity.
	09.06 Demonstrate professionalism.
	09.07 Take initiative.
	09.08 Display positive attitude.
	09.09 Take responsibility for professional growth.

Job Attainment	
10.0	Find, assess and apply to job opportunities.
10.01	Identify online job posts relevant to his or her career aspirations.
10.02	Compare and contrast the job posts' required qualifications, job duties, compensation, benefits and employers.
10.03	Define what information, documentation and writing prompts are required for the positions.
11.0	Communicate personal competence, character and fit for a job opportunity.
11.01	Develop a resume.
11.02	Write a cover letter.
11.03	Curate a professional portfolio that includes work products.
11.04	Prepare for and experience a mock job interview.
12.0	Cultivate and leverage relationships to professionally advance.
12.01	Request a signed reference letter, letter of recommendation and/or an online skill/professionalism endorsement.
12.02	Develop a plan to cultivate a professional digital footprint.
12.03	Develop a networking plan for a specific industry of interest.

Standards

After successfully completing this program, the student will be able to perform the following:

01.0 Identify career opportunities.
02.0 Demonstrate health, safety and environmental compliance.
03.0 Employ safe, sanitary, and efficient work practices.
04.0 Demonstrate language arts knowledge and skills.
05.0 Demonstrate mathematics knowledge and skills.
06.0 Demonstrate science, knowledge and application.
07.0 Demonstrate employability and professional development.
08.0 Demonstrate leadership and teamwork skills needed to accomplish team goals and objectives.
09.0 Demonstrate personal financial literacy.
10.0 Demonstrate professional ethics and legal responsibilities.
11.0 Describe organizational and industry systems.
12.0 Use information technology application.
13.0 Solve problems using critical thinking, creativity, and Innovation.
14.0 Use oral and written communication skills.
15.0 Demonstrate the practice of performing manicures, pedicures, and apply artificial nails/nail wraps identifying the proper procedure and application of chemicals.
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 nails and skin that can be described, measured and predicted. Demonstrate proper procedure and application of chemicals.
17.0 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.
18.0 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.
19.0 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 haircuts on a manikin or client. Communicate an understanding of factors that influence the determination of strategies necessary to meet individual client needs.
20.0 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.
21.0 Identify and perform permanent waving/reconstruction and curl/ chemical relaxing. Identify the proper chemical to be prescribed and understand the way chemicals affect the hair shaft and skin. Demonstrate proper procedure and application of chemicals.

22.0 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. Perform proper procedure and application of chemicals.

Florida Department of Education
Student Performance Standards

Program Title: Cosmetology
Career Certificate Program Number: D500100

Course Number: CSP0009 **Occupational Completion Point: A** **Grooming and Salon Services Core, Facials and Nails – 225 Hours**	
01.0	Identify career opportunities. The student will be able to:
01.01	Identify career opportunities within the program's industry sector.
01.02	Identify employment settings, entrepreneurial opportunities, and emerging career trends.
01.03	Examine licensing, certification, and credentialing requirements related to the program area.
02.0	Demonstrate health, safety, and environmental management practices. The students will be able to:
02.01	Describe personal, workplace, and regulatory safety rules that maintain safe and healthy environments.
02.02	Explain emergency procedures in response to accidents, injuries, fires, and natural disasters.
02.03	Develop and/or implement an emergency response plan.
02.04	Describe and comply with federal and state safety laws including Right-to-Know regulations.
03.0	Employ safe, sanitary, efficient work practices. The student will be able to:
03.01	Apply standard/universal precautions to ensure safety of clients and students.
03.02	Safely set up, operate, clean, maintain, and store tools and equipment according to manufacturer's instructions and regulatory requirements.
03.03	Mix, handle, store, and dispose of chemical products according to manufacturer specifications and safety data sheets (SDS).
03.04	Demonstrate knowledge of anatomy, physiology, diseases, and disorders related to the program area.
03.05	Communicate proper client care, home maintenance, hygiene, nutrition, and wellness practices.
03.06	Demonstrate professionalism, cultural awareness, and ethical workplace behavior.
04.0	Demonstrate language arts knowledge and skills. The students will be able to:

	04.01 Locate, comprehend and evaluate key elements of oral and written information.
	04.02 Draft, revise, and edit written documents using correct grammar and industry terminology.
	04.03 Present information formally and informally for specific purposes and audiences.
05.0	Demonstrate mathematics knowledge and skills. The students will be able to:
	05.01 Apply mathematical skills to industry-related tasks (e.g., measurement, ratios, pricing, scheduling).
	05.02 Perform arithmetic operations accurately.
	05.03 Analyze and apply data and measurements to solve problems.
	05.04 Develop and interpret charts, tables, and graphs.
06.0	Demonstrate science, knowledge and skills. The students will be able to:
	06.01 Apply principles of chemistry as related to products and services in the program area.
	06.02 Apply principles of anatomy and physiology relevant to services performed.
	06.03 Apply principles of microbiology and infection control.
	06.04 Apply scientific reasoning to evaluate products, tools, and procedures
	06.05 Identify principles of electricity, light therapy, and related technologies where applicable.
07.0	Demonstrate employability and professional development. The students will be able to:
	07.01 Demonstrate positive work behaviors and professional conduct.
	07.02 Develop a personal career plan including goals, objectives, and strategies.
	07.03 Maintain a professional and digital career portfolio.
	07.04 Evaluate employment and advancement opportunities.
	07.05 Demonstrate teamwork and collaboration skills.
	07.06 Demonstrate effective verbal and written communication in professional settings.
	07.07 Explain entrepreneurship concepts, including risks and rewards of business ownership.
	07.08 Identify characteristics of successful entrepreneurs.

	07.09 Identify business management skills necessary to operate a small business.
	07.10 Project and maintain a professional image.
	07.11 Demonstrate strategies for balancing personal and professional responsibilities.
	07.12 Use and conserve resources responsibly.
08.0	Demonstrate leadership and teamwork skills. The students will be able to:
	08.01 Apply leadership skills to accomplish individual and organizational goals.
	08.02 Establish and maintain effective working relationships.
	08.03 Participate in and conduct meetings effectively.
	08.04 Apply mentoring and coaching skills where appropriate.
09.0	Demonstrate personal financial literacy. The students will be able to:
	09.01 Develop a personal budget and financial goals.
	09.02 Describe services and responsibilities of financial institutions.
	09.03 Maintain financial records and reconcile statements.
	09.04 Explain the impact of financial decisions on personal and career goals.
	09.05 Compare savings and investment options.
10.0	Demonstrate professional ethics and legal responsibilities. The students will be able to:
	10.01 Demonstrate knowledge of applicable Florida laws and administrative codes regulating the profession.
	10.02 Demonstrate understanding of infection control including HIV/AIDS education as required by law.
	10.03 Evaluate decisions using ethical reasoning.
	10.04 Evaluate workplace situations based on legal, ethical, and employer policies.
	10.05 Identify consequences of unethical or illegal behavior.
	10.06 Interpret written organizational policies and procedures.
11.0	Describe organizational and industry systems. The students will be able to:

	11.01 Describe types of business organizations and roles of employer and employee.
	11.02 Explain the effect of organizational systems on performance and quality.
	11.03 Describe quality assurance practices common to the industry.
	11.04 Explain the impact of the global economy and industry trends.
12.0	Use information technology application. The students will be able to:
	12.01 Use personal information management tools to increase efficiency.
	12.02 Use word processing, spreadsheets, databases, and presentation software.
	12.03 Use scheduling, client management, and payment processing technologies.
	12.04 Use collaborative digital tools to support teamwork.
13.0	Solve problems using critical thinking, creativity, and innovation. The students will be able to:
	13.01 Apply critical thinking skills independently and collaboratively.
	13.02 Resolve conflicts using effective interpersonal skills.
	13.03 Establish, monitor, and evaluate performance goals.
	13.04 Conduct technical research to support decision-making.
14.0	Use oral and written communication skills. The students will be able to:
	14.01 Apply appropriate communication strategies in professional settings.
	14.02 Organize and reference information from multiple sources.
	14.03 Deliver formal and informal presentations.
	14.04 Interpret verbal and nonverbal communication.
	14.05 Apply active listening skills.
	14.06 Demonstrate customer service and public relations skills.
	14.07 Develop and interpret visual data to support communication.
15.0	Demonstrate the practice of performing manicures, pedicures and applying artificial nails/nail wraps identifying the proper procedure and application of chemicals Evaluate performance based on competency rule 61G5-22.0125 F.A.C The student will be able to:

	15.01	Clean, disinfect, maintain, and properly store implements by using appropriate EPA registered hospital grade disinfectant 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.
	15.02	Demonstrating knowledge of chemical products and ability to follow the manufacturer's directions, correctly remove the nail polish from the natural nail
	15.03	Demonstrating knowledge of anatomy and safety procedures, correctly clean under the free edge of the natural nail.
	15.04	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.
	15.05	Perform proper techniques for smoothing and buffing the nails by demonstrating knowledge of anatomy of nails, chemistry of products and safety precautions.
	15.06	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.
	15.07	Demonstrate knowledge of anatomy of the skin and nails, and chemistry of products by performing the proper massage techniques to the hands and feet.
	15.08	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.
	15.09	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.
	15.10	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.
	15.11	Demonstrate the correct application procedure of nail forms and caps by following all safety and sanitation procedures.
	15.12	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.
	15.13	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.
	15.14	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.
	15.15	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.
	15.16	Demonstrate knowledge of nail diseases and disorders by providing client with the proper information regarding safe nail maintenance.
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. Evaluate performance based on competency rule 61G5-22.006, F.A.C). The student will be	

	able to:
16.01	Choose and assemble the appropriate supplies, products, and equipment based on skin analysis and client consultation.
16.02	Demonstrate knowledge of action and reaction of chemical products used for the facial treatment.
16.03	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
16.04	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.
16.05	Demonstrate working knowledge of chemicals used for lash and eyebrow tinting and the adverse reactions that may occur, as per manufactures directions.
16.06	Demonstrate proper procedure for applying artificial eyelashes with a working knowledge of the chemicals and adverse reactions that may occur.
16.07	Shape eyebrows by tweezing, waxing, threading and sugaring incorporating bone structure, appropriate angles and procedures for hair removal to meet the client's needs.
16.08	Demonstrate competence in performing various hair removal techniques including tweezing, waxing, threading, and/or sugaring using safety and sanitary.
16.09	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 and understanding of factors that influence the determination of strategies necessary to meet individual client needs.
16.10	Perform a color analysis and determine ideal facial shape.
16.11	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.
16.12	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.

Course Number: COS0002 **Occupational Completion Point: A** **Cosmetologist and Hairstylist 1 – 300 Hours**	
17.0	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. Evaluate performance based on competency The student will be able to:
17.01	Prepare the client for service following infection control standards while using proper draping techniques.

	17.02	Analyze and evaluate the hair's chemical composition and structure.
	17.03	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.
	17.04	Identify the chemical reaction of the shampoo molecule on the hair and scalp and utilize proper manipulations.
	17.05	Rinse shampoo thoroughly from hair and scalp. Recognize the chemical reaction of shampoo with water composition, temperature and electrostatic force of each.
	17.06	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.
	17.07	Apply treatment or conditioner according to manufacturer's directions.
	17.08	Demonstrate the proper manipulation based on the scalp analysis and client consultation.
	17.09	Demonstrate knowledge of the effects of electricity and light as it deals with the scalp chemically and physically.
	17.10	Apply process, and remove of all types of conditioners including bond building repair pre/post treatments. Identify the chemical reaction of conditioners/treatments with the water, manufacturing recommendations, and client's needs.
18.0	Identify and achieve various hair shapings (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:	
	18.01	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.
	18.02	Develop a plan 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).
	18.03	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.
	18.04	Cross- 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.
	18.05	Disinfect, and maintain cutting implements using appropriately mixed EPA approved and hospital grade disinfectant following the manufacturer's directions while following the procedure for decontamination and proper storage of tools per 61G5-22.005, F.A.C.

Course Number: COS0003 **Occupational Completion Point: A** **Cosmetologist and Hairstylist 2 – 300 Hours**		
19.0	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. Evaluate performance based on competency. The student will be able to:
	19.01 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.
	19.02 Perform “wet set” using principles of design (i.e., hair sculpturing, rollers and finger waves).
	19.03 Set up equipment and perform thermal styling using blow dryers, flat irons, curling irons, crimping irons, pressing combing, using principles of design.
	19.04 Demonstrate the principles of styling the client's hair utilizing knowledge of anatomy, angles and planes in "combing-out" various hairstyles.
	19.05 Demonstrate knowledge of braiding natural hair techniques by utilizing knowledge of anatomy and mathematics.
	19.06 Demonstrate ability in styling individual hairpieces by utilizing knowledge of chemistry, angles and planes.
20.0	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:
	20.01 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.
	20.02 Measure client’s head form as it relates to the similarity and proportionality of the individual wig or hairpiece.
	20.03 Cleanse and cut artificial hair utilizing chemical theory and practical application necessary to achieve the desired result.
	20.04 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.
	20.05 Demonstrate ability to create hairstyles by incorporating, attaching and blending hairpieces into the desired hairstyle.

Course Number: COS0009 **Occupational Completion Point: A** **Cosmetologist and Hairstylist 3 – 375 Hours**	
21.0	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. Demonstrate proper procedure and application of chemicals. Evaluate based on competency The student will be able to:
	21.01 Analyze scalp and hair for skin or hair disease or disorders to avoid adverse reaction and determine that proper chemical for the client.
	21.02 Demonstrate the proper procedure for chemical service draping and identify the necessary precautions needed to be taken to maintain safety for the client for the duration of the procedure.
	21.03 Select appropriate solution and strength, by measuring and mixing, according to hair texture and desired results.

21.04	Demonstrate knowledge of chemical and physical changes.
21.05	Demonstrate knowledge of possible adverse chemical reactions to the skin. Apply a protective barrier cream to avoid client injury.
21.06	Apply the proper chemicals required for a re-arranger or chemical relaxer to achieve desired result.
21.07	Demonstrate knowledge of the chemical reaction of chemical relaxer, reconstructive curl and smoothing treatments to determine the necessary processing time.
21.08	Read, analyze and perform rinsing or shampooing as per manufacturer's instructions to avoid adverse chemical reactions.
21.09	Demonstrate knowledge of the proper selection of rods and wrapping techniques to achieve desired results.
21.10	Demonstrate the ability to apply the processing solution for the appropriate time and perform test curl.
21.11	Demonstrate the ability to rinse, blot, shampoo and/or neutralize all chemical solutions.
21.12	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.
21.13	Demonstrate chemical knowledge and application of leave-in treatments and record the results.
22.0	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:
22.01	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.
22.02	Demonstrate the practice of effective draping of the client to ensure 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.
22.03	Describe, observe, identify and analyze the functions, structures, diseases and disorders of the scalp and hair.
22.04	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.
22.05	Divide the hair into appropriate sections to visualize the scalp for proper application of product.
22.06	Analyze and differentiate among temporary, semi-permanent, demi-permanent, and permanent hair color types, including their chemical compositions, applications, and appropriate uses. Demonstrate the ability to apply each color type individually or in combination to create desired color effects and meet client needs.
22.07	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.
22.08	Perform a strand test to determine desired color using proper procedures. Follow all safety and sanitation procedures.
22.09	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 to achieve desired outcome..

22.10	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.
22.11	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.

Additional Information

Laboratory Activities

Laboratory investigations that include scientific inquiry, research, measurement, problem solving, emerging technologies, tools and equipment, as well as, experimental, quality, and safety procedures are an integral part of this career and technical program/course. Laboratory investigations benefit all students by developing an understanding of the complexity and ambiguity of empirical work, as well as the skills required to manage, operate, calibrate and troubleshoot equipment/tools used to make observations. Students understand measurement error; and have the skills to aggregate, interpret, and present the resulting data. Equipment and supplies should be provided to enhance hands-on experiences for students.

Career and Technical Student Organization (CTSO)

CTSOs are co-curricular career and technical student organizations providing leadership training and reinforcing specific career and technical skills. Career and Technical Student Organizations provide activities for students as an integral part of the instruction offered. Other CTSOs not listed in this curriculum framework or recognized by the Florida Department of Education are permissible provided they support student mastery over the standards and benchmarks of this curriculum framework.

Cooperative Training – OJT

On-the-job training is appropriate but not required for this program. Whenever offered, the rules, guidelines, and requirements specified in the OJT framework apply.

Basic Skills

In Career Certificate Programs offered for 450 hours or more, in accordance with Rule 6A-10.040, F.A.C., the minimum basic skills grade levels required for postsecondary adult career and technical students to complete this program are: Computation (Mathematics) and Communications (Reading and Language Arts). These grade level numbers correspond to a grade equivalent score obtained on a state designated basic skills examination.

Adult students with disabilities, as defined in Section 1004.02, Florida Statutes, may be exempted from meeting the Basic Skills requirements (Rule 6A-10.040). Students served in exceptional student education (except gifted) as defined in s. 1003.01, F.S., may also be exempted from meeting the Basic Skills requirement. Each school district and Florida College System Institution must adopt a policy addressing procedures for exempting eligible students with disabilities from the Basic Skills requirement as permitted in Section 1004.91, F.S.

Accommodations

Federal and state legislation requires the provision of accommodations for students with disabilities to meet individual needs and ensure equal access. Postsecondary students with disabilities must self-identify, present documentation, request accommodations if needed, and develop a plan with their counselor and/or instructors. Accommodations received in postsecondary education may differ from those received in secondary education. Accommodations change the way the student is instructed. 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.

Note: postsecondary curriculum and regulated secondary programs cannot be modified.