

Human Services (2021)

- Grades 9, 10, 11, 12

Adopted 2021

Applications of Cosmetology Services (12.413)

HU-ACS-1. Demonstrate employability skills required by business and industry. HU-ACS-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HU-ACS-1.1
2. 1.3 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HU-ACS-1.2
4. Workplace Ethics Demonstrating Good Work Ethic Behaving Appropriately Maintaining Honesty Playing Fair Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HU-ACS-1.4
5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills. HU-ACS-1.5
6. Present a professional image through appearance, behavior and language. HU-ACS-1.6

HU-ACS-2. Create and critique 18 various haircuts incorporating technical skills, including advanced techniques, utilizing multiple cutting implements. HU-ACS-2

1. Conduct a client consultation to determine desired style. HU-ACS-2.1
2. Apply concepts of haircutting to create a haircut design plan, including diagramming haircutting skills. HU-ACS-2.2
3. Perform 18 various haircuts on manikin/client. HU-ACS-2.3
4. Critique completed haircut design with crosschecking and make any necessary adjustments. HU-ACS-2.4
5. Adhere to haircutting safety precautions and sanitation and disinfection procedures. HU-ACS-2.5

HU-ACS-3. Perform hair removal services as determined by client consultation. HU-ACS-3

1. Conduct a client consultation determining if any contraindications are present. HU-ACS-3.1

2. Assess facial structure for appropriate design. [HU-ACS-3.2](#)
 3. Determine method of removal needed to achieve desired results. [HU-ACS-3.3](#)
 4. Perform 12 hair removal applications. [HU-ACS-3.4](#)
 5. Adhere to hair removal safety precautions and sanitation and disinfection procedures. [HU-ACS-3.5](#)
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HU-ACS-4. Perform the appropriate number of applications for basic manicures and advanced nail services to the satisfaction of the client, as directed by the instructor. [HU-ACS-4](#)

1. Consult with clients to determine their needs and preferences. [HU-ACS-4.1](#)
 2. Perform services in a safe environment and take measures to prevent the spread of infectious and contagious diseases. [HU-ACS-4.2](#)
 3. Perform 2 manicures. [HU-ACS-4.3](#)
 4. Demonstrate the pre-service and post-service steps for artificial nail applications. [HU-ACS-4.4](#)
 5. Perform 2 advanced nail techniques for sculpture nails, tips with acrylic overlay, fabric wraps, or gel nails; apply different types of tips (full-well, half-well, clear, and white) for acrylic overlays, fabric wraps, and gel nails. [HU-ACS-4.5](#)
 6. Follow all safety precautions for artificial nail removal. [HU-ACS-4.6](#)
 7. Create wearable and competitive nail art using a variety of techniques, including use of three-stroke method for nail polish application. [HU-ACS-4.7](#)
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HU-ACS-5. Perform the appropriate number of permanent wave applications on a variety of types and lengths of hair in accordance with the manufacturers' directions. [HU-ACS-5](#)

1. Consult with clients to determine their needs and preference for the permanent wave service: record findings on a Client Record Card. [HU-ACS-5.1](#)
2. Evaluate the client's hair & scalp condition, including texture, density, porosity, elasticity, hair growth direction, and overall general hair condition, including client chemical history. [HU-ACS-5.2](#)
3. Investigate types of permanent waves; determine appropriate type of perm solutions according to findings of the client's hair analysis. [HU-ACS-5.3](#)
4. Evaluate the physical and chemical reactions of waving lotion and neutralizer and how the hair is altered in a permanent wave service according to Preliminary Test Curl Results. [HU-ACS-5.4](#)

5. Distinguish between peptide bonds, end bonds, side bonds, hydrogen, salt, and disulfide bonds and how chemicals in the permanent wave process produce a chemical change in the hair structure. [HU-ACS-5.5](#)
6. Compare and contrast the different types of permanent waves, ingredients, processing, recommended hair types, advantages, and disadvantages of each perm. [HU-ACS-5.6](#)
7. Discriminate between different perm tools and base controls for various perm wraps; achieve the desired results. [HU-ACS-5.7](#)
8. Implement all safety and infection control procedures in the clinic/lab. [HU-ACS-5.8](#)
9. Utilize double, bookend, and cushion wrapping to control hair ends. [HU-ACS-5.9](#)
10. Perform 5 various permanent waves, including a basic perm wrap, bricklay, curvature, and spiral. [HU-ACS-5.10](#)
11. Evaluate adverse perm situations, their causes, and methods of correction. [HU-ACS-5.11](#)
12. Differentiate reasons for over-processed and under-processed hair and methods to avoid. [HU-ACS-5.12](#)

HU-ACS-6. Create advanced hair color and lightening formulations and select correct procedure for application to reach target results, utilizing different hair colors on swatches/manikins and or clients. Provide hair color/lightener services following all safety and sanitation precautions. [HU-ACS-6](#)

1. Conduct client consultation to determine the desired result; analyze hair and scalp to determine if client can have chemical services. [HU-ACS-6.1](#)
2. Create hair color formulations using semi, demi, and/or permanent hair color with appropriate volume of developer, as needed for target results. [HU-ACS-6.2](#)
3. Create lightener formulation using powders, oils, and/or creams with appropriate volume of developer, as needed for target results. [HU-ACS-6.3](#)
4. Apply color/lightener using advanced methods: foiling, weaving, slicing, balayage, and cap techniques. [HU-ACS-6.4](#)
5. Devise different hair color formulations for gray coverage. [HU-ACS-6.5](#)
6. Analyze hair to determine which type of color correction services is needed. Investigate the effects of re-pigmentation services (e.g., pre-softening, fillers, tint removal, tint back, soap caps, including proper applications). [HU-ACS-6.6](#)
7. Perform 2 virgin and 1 retouch hair color applications. [HU-ACS-6.7](#)
8. Perform 3 lightener applications. [HU-ACS-6.8](#)
9. Perform 1 temporary color application. [HU-ACS-6.9](#)

HU-ACS-7. Create various wearable and marketable day, evening, and formal hairstyles on clients/mannequins using hair advanced hair design principles. HU-ACS-7

1. Conduct a client consultation to determine desired style. HU-ACS-7.1
2. Evaluate the desired style and determine appropriate styling products, tools, and techniques required to achieve predetermined results. HU-ACS-7.2
3. Provide services in a safe environment for both the client and the stylist, including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). HU-ACS-7.3
4. Execute advanced styling techniques by evaluating current trends in hairstyling for men, women, and competitive hairstyles. HU-ACS-7.4
5. Investigate the use of artificial hair, wigs, extensions, and pieces for various hairstyling techniques. HU-ACS-7.5
6. Perform 10 hairstyling techniques. HU-ACS-7.6

HU-ACS-8. Perform 2 hours of receptionist duties and 2 hours of dispensary time, as directed by the instructor. HU-ACS-8

1. Utilize proper business telephone etiquette. HU-ACS-8.1
2. Establish a calendar of salon appointments. HU-ACS-8.2
3. File and maintain client records. HU-ACS-8.3
4. Maintain a clean and positive salon environment. HU-ACS-8.4
5. Greet and assist clients in a welcoming fashion. HU-ACS-8.5
6. Mix, fill, and dispense products to other students. HU-ACS-8.6
7. Maintain record of salon inventory. HU-ACS-8.7
8. Notify the instructor of supply shortages and damages incurred. HU-ACS-8.8
9. Disinfect and properly store all salon equipment and supplies. HU-ACS-8.9

HU-ACS-9. Explore and demonstrate skills used in the cosmetology industry. HU-ACS-9

1. Utilize advanced techniques such as hair care and haircutting, long hair styling, nail care and design, and skin care and makeup application, as needed for clientele and competition purposes. HU-ACS-9.1
2. Assess current industry trends, standards, and practices that relate to the field of cosmetology. HU-ACS-9.2
3. Investigate career options and new techniques in Cosmetology, utilizing industry professionals as guest speakers as well as multimedia publications. HU-ACS-9.3

HU-ACS-10. Maintain a safe work environment and accident prevention by using safety precautions and/ or practices, including adherence to hazardous labeling requirements and compliance with safety signs, symbols, and labels. HU-ACS-10

1. Analyze the role and the responsibilities of the personal care provider (student) in the classroom, laboratory, and various workplace settings in an emergency situation. HU-ACS-10.1
2. Demonstrate preparedness procedures for each emergency situation: fires, electric shock, overloading a circuit, inclement weather, blood spills, and other emergency situations that may occur in the classroom/laboratory or workplace. HU-ACS-10.2
3. Adhere to all safety procedures when working with chemicals according to SDS, OSHA, and EPA standards. HU-ACS-10.3
4. Demonstrate all infection controls procedures when working in the clinic lab. HU-ACS-10.4
5. Follow proper care and safety protocol when working with models/clients as designated by State Board Requirements. HU-ACS-10.5

HU-ACS-11. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school, and community service projects, entrepreneurship development, and competitive events. HU-ACS-11

1. Research the history of SkillsUSA. HU-ACS-11.1
2. Discuss the mission, purpose, motto, colors, official dress, and other distinguishing characteristics of SkillsUSA. HU-ACS-11.2
3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. HU-ACS-11.3
4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills, and knowledge of this course. HU-ACS-11.4

Barbering II (12.42)

HUM-BRII-1. Demonstrate employability skills required by business and industry. HUM-BRII-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-BRII-1.1
2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-BRII-1.2
3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-BRII-1.3

4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-BRII-1.4
 5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HUM-BRII-1.5
 6. Present a professional image through appearance, behavior and language. HUM-BRII-1.6
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HUM-BRII-2. Maintain a safe work environment and accident prevention by using safety precautions and/or practices, including adherence to hazardous-labeling requirements and compliance with safety signs, symbols, and labels. HUM-BRII-2

1. Analyze the role and the responsibilities of the personal care provider (student) in the classroom, laboratory, and various workplace settings in an emergency situation. HUM-BRII-2.1
 2. Demonstrate preparedness procedures for each emergency situation—fire, electric shock, overloading a circuit, inclement weather, blood spills, and other emergency situations that may occur in the classroom/laboratory or workplace. HUM-BRII-2.2
 3. Adhere to all safety procedures when working with chemicals. HUM-BRII-2.3
 4. Demonstrate all infection control procedures following required regulations. HUM-BRII-2.4
 5. Follow proper care and safety protocol when working with models/clients. HUM-BRII-2.5
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HUM-BRII-3. Identify and demonstrate the use of the principal tools and implements used in the practice of barbering, as well as the maintenance of the tools and implements. HUM-BRII-3

1. Distinguish among the principal tools and implements used in the practice of barbering. HUM-BRII-3.1
 2. Identify the parts of shears, clippers, and razors. HUM-BRII-3.2
 3. Demonstrate the correct techniques for holding combs, shears, clippers, and razors. HUM-BRII-3.3
 4. Adhere to sanitation requirements for equipment, tools, and work area. HUM-BRII-3.4
 5. Check equipment and tools for proper operation utilizing safety regulations. HUM-BRII-3.5
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HUM-BRII-4. Apply the basic components of chemistry in Barbering. HUM-BRII-4

1. Differentiate between organic and inorganic chemistry. HUM-BRII-4.1

2. Discuss the different forms of matter—elements, compounds, and mixtures. HUM-BRII-4.2
3. Explain pH and the pH scale. HUM-BRII-4.3
4. Analyze the properties of atoms, molecules, solutions, and emulsions. HUM-BRII-4.4
5. Describe properties of matter related to barbering. HUM-BRII-4.5
6. Explain the basic principles of cosmetic chemistry applied to shampooing. HUM-BRII-4.6
7. Identify emulsions and suspensions. HUM-BRII-4.7
8. Explain and utilize the pH scale. HUM-BRII-4.8
9. Distinguish among various types of shampoos and the related chemistry, and select the appropriate shampoo for the service. HUM-BRII-4.9

HUM-BRII-5. Evaluate the basic histology of the hair and skin, the diseases and disorders, and the corrective treatments. HUM-BRII-5

1. Identify and describe the structures of the hair. HUM-BRII-5.1
2. List and describe the three layers of the hair shaft. HUM-BRII-5.2
3. Describe the structure of hair protein. HUM-BRII-5.3
4. Describe the growth process of hair. HUM-BRII-5.4
5. Demonstrate hair analysis, using density, porosity, and elasticity as scientific indicators. HUM-BRII-5.5
6. Compare the different types of hair loss. HUM-BRII-5.6
7. Differentiate among common hair and scalp disorders. HUM-BRII-5.7
8. Classify the structure and divisions of the skin. HUM-BRII-5.8
9. Explain the functions of the skin. HUM-BRII-5.9
10. Identify and classify recognizable skin disorders. HUM-BRII-5.10

HUM-BRII-6. Differentiate between a variety of shampoos and conditioners for all hair types, using the pH scale and demonstrating the technique for shampooing and scalp and hair treatments. HUM-BRII-6

1. Explain the importance of pH in shampoo selection. HUM-BRII-6.1
2. Explain the role of surfactants in shampoo. HUM-BRII-6.2
3. Compare the uses and benefits of various types of shampoos and conditioners. HUM-BRII-6.3
4. Model proper scalp manipulations as part of a shampoo service. HUM-BRII-6.4
5. Demonstrate proper shampooing and conditioning procedures. HUM-BRII-6.5
6. Demonstrate a basic corrective hair and scalp treatments. HUM-BRII-6.6

7. Understand and apply all safety precautions for scalp and hair treatment and identify safety precautions to be followed in scalp and hair care. HUM-BRII-6.7

HUM-BRII-7. Assess and demonstrate appropriate shampoo procedures and techniques. Laboratory training includes 10 hours in theory of shampooing, and 10 hours of shampooing and styling training on mannequins. 35 hours of style training on live models will be completed in a later course. HUM-BRII-7

1. Demonstrate the proper steps in preparing a client for a shampoo, including checking water temperature, towel application and draping. HUM-BRII-7.1
2. Demonstrate proper shampooing and rinsing techniques. HUM-BRII-7.2
3. Utilize styling implements and tools. HUM-BRII-7.3

HUM-BRII-8. Evaluate the fundamental theory and skills required to create various hair styles and shapes on mannequins. Laboratory training includes 10 hours of styling training on mannequins. 35 hours on live models will be completed in a later course. HUM-BRII-8

1. Explore the meaning of the term envision relating to barbering. HUM-BRII-8.1
2. Demonstrate the components and the importance of a client consultation. HUM-BRII-8.2
3. Distinguish between the sections of the head as applied to haircutting. HUM-BRII-8.3
4. Discuss the principles of facial shapes. HUM-BRII-8.4
5. Identify the fundamental terms of haircutting. HUM-BRII-8.5
6. Demonstrate a basic haircut and outlining techniques. HUM-BRII-8.6

HUM-BRII-9. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events. HUM-BRII-9

1. Research the history of SkillsUSA. HUM-BRII-9.1
 2. Discuss the mission, purpose, motto, colors, official dress and other distinguishing characteristics of SkillsUSA. HUM-BRII-9.2
 3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. HUM-BRII-9.3
 4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills and knowledge of this course. HUM-BRII-9.4
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Barbering III (12.421)

HUM-BRIII-1. Demonstrate employability skills required by business and industry. HUM-BRIII-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-BRIII-1.1
2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-BRIII-1.2
3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-BRIII-1.3
4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-BRIII-1.4
5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HUM-BRIII-1.5
6. Present a professional image through appearance, behavior and language. HUM-BRIII-1.6

HUM-BRIII-2. Analyze skin conditions and apply the most effective treatments necessary to perform a basic facial. HUM-BRIII-2

1. Describe the benefits of facial massage and treatments. HUM-BRIII-2.1
2. Assess the location and stimulation of muscles and nerves. HUM-BRIII-2.2
3. Interpret the benefits of massage. HUM-BRIII-2.3
4. Demonstrate massage manipulations. HUM-BRIII-2.4
5. Differentiate among the products used in facial treatments. HUM-BRIII-2.5
6. Distinguish among skin types and apply appropriate facials treatments and products. HUM-BRIII-2.6

HUM-BRIII-3. Apply the procedure and products used in a basic facial and shave service on a manikin. 30 hours on live models will be completed in a later course. HUM-BRIII-3

1. Model the use of general sanitation and safety precautions of shaving. HUM-BRIII-3.1
2. Demonstrate the ability to perform standard cutting position and strokes with a mock straight razor utilizing a manikin. HUM-BRIII-3.2
3. Differentiate between the 14 shaving areas of the face. HUM-BRIII-3.3
4. Demonstrate standard cutting position while performing clipper shaving on a manikin. HUM-BRIII-3.4

HUM-BRIII-4. Apply haircutting techniques and hairstyling using scissors, razor (shaper), electrical clippers/trimmers, and thinning (tapering) shears for wet and dry cutting. Laboratory training includes 20 hours of styling training on mannequins. 35 hours on live models will be completed in a later course. HUM-BRIII-4

1. Research the art and science of men's hair designing and styling. HUM-BRIII-4.1
2. Apply understanding of the term envisioning and incorporate into client consultation. HUM-BRIII-4.2
3. Apply principles of facial shapes and profiles to hair design. HUM-BRIII-4.3
4. Distinguish among the sections of the head as applied to haircutting. HUM-BRIII-4.4
5. Utilizing safety guidelines, perform the following cutting techniques on a manikin: fingers-and-shear, shear-over-comb, freehand clipper cutting, clipper-over-comb. HUM-BRIII-4.5

HUM-BRIII-5. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events. HUM-BRIII-5

1. Research the history of SkillsUSA. HUM-BRIII-5.1
2. Discuss the mission, purpose, motto, colors, official dress and other distinguishing characteristics of SkillsUSA. HUM-BRIII-5.2
3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. HUM-BRIII-5.3
4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills and knowledge of this course. HUM-BRIII-5.4

**Cosmetology Services II
(12.41)**

HUM-CSII-1. Demonstrate employability skills required by business and industry. HUM-CSII-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-CSII-1.1
2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-CSII-1.2
3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-CSII-1.3

4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-CSII-1.4
 5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills. HUM-CSII-1.5
 6. Present a professional image through appearance, behavior and language. HUM-CSII-1.6
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HUM-CSII-2. Investigate basic histology of the hair and skin, related diseases and disorders, corrective treatments and provided services based on hair and scalp analysis and applying safety precautions for scalp and hair treatments. HUM-CSII-2

1. Define the composition of the hair shaft and hair root, as well as the growth cycle, and nutrients needed for healthy hair HUM-CSII-2.1
 2. Identify the most common diseases and disorders of the skin and hair and explain their origin. HUM-CSII-2.2
 3. Differentiate between diseases and disorders that may be treated in the salon and those that require medical attention. HUM-CSII-2.3
 4. Perform hair and scalp analysis to determine texture, porosity, growth pattern, scalp condition and the physical and chemical actions that damage hair. HUM-CSII-2.4
 5. Execute hair and scalp treatment, reconditioning, scalp massage, and shampooing services based on outcome of hair and scalp analysis. HUM-CSII-2.5
 6. Describe the benefits of scalp manipulations. HUM-CSII-2.6
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HUM-CSII-3. Differentiate chemistry of shampoos and conditioners for a variety of hair types and perform shampoo and conditioning applications. HUM-CSII-3

1. Demonstrate an understanding of the chemical and botanical ingredients found in shampoos. HUM-CSII-3.1
 2. Distinguish the appropriate product selection in relation to the condition for the intended service. HUM-CSII-3.2
 3. Differentiate between emulsions and suspensions HUM-CSII-3.3
 4. Demonstrate utilization of the pH scale. HUM-CSII-3.4
 6. Prepare a client for a shampoo employing all safety measures. HUM-CSII-3.6
 7. Execute proper shampooing and rinsing techniques. HUM-CSII-3.7
 8. Provide conditioning treatments. HUM-CSII-3.8
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HUM-CSII-4. Create hairstyles to demonstrate the proper use the design principles, design elements, facial shapes, and hair types as needed for hair

design. HUM-CSII-4

1. Describe hair styling principles and elements. HUM-CSII-4.1
2. Identify and describe the facial shapes to complete designs that will enhance or camouflage facial features. HUM-CSII-4.2
3. Compare and contrast the hair type related to styling HUM-CSII-4.3

HUM-CSII-5. Examine the fundamental theory and skills needed for wet hairstyling allowing students to perform various hairstyling techniques, including wet hairstyling, comb-outs, braiding and blow dry styling. HUM-CSII-5

1. Perform wet hairstyling services, including shaping, finger waving, pin curls, roller sets, and hair wrapping. HUM-CSII-5.1
2. Explain and utilize shaping and pin curl skills to execute multiple styles, including types of bases and pin curl techniques. (flat, barrel, ridge curl, skip waves, etc.). HUM-CSII-5.2
3. Show braiding techniques used on various hair types. HUM-CSII-5.3
4. Identify and explain the implements used in a comb-out. HUM-CSII-5.4
5. Demonstrate comb-out techniques by utilizing teasing, balance, harmony, etc HUM-CSII-5.5
6. Illustrate the proper use and handling of instruments and products used in blow-dry styling. HUM-CSII-5.6
7. Demonstrate utilizing the procedures for fitting, cleaning, shaping and styling human hair, synthetic wigs, and hairpieces. HUM-CSII-5.7

HUM-CSII-6. Demonstrate thermal hairstyling services, including the use of curling irons, hair pressing comb, hot rollers, etc. applying safety precautions for thermal tools. HUM-CSII-6

1. Select and identify the tools used in thermal curling. HUM-CSII-6.1
2. Describe thermal stoves, stove heated implements and electrical hair equipment HUM-CSII-6.2
3. Demonstrate pressing hair and marcel curling with a stove heated implement. HUM-CSII-6.3
4. Establish waves by using thermal instruments. HUM-CSII-6.4
5. Show the proper use of hot rollers. HUM-CSII-6.5

HUM-CSII-7. Explain the purpose of a scalp and hair analysis in relation to the permanent wave service. Demonstrate (on a mannequin) sectioning, blocking, and wrapping a permanent wave. HUM-CSII-7

1. List and explain the factors of hair analysis for chemical texture service. HUM-CSII-7.1
2. Differentiate the physical and chemical actions that take place during permanent waving. HUM-CSII-7.2

3. Demonstrate the basic wrapping procedures for permanent waving. HUM-CSII-7.3
 4. Distinguish types of tools and the results achieved for a variety of permanent waving techniques. HUM-CSII-7.4
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HUM-CSII-8. Explore and demonstrate skills used in the cosmetology industry. HUM-CSII-8

1. Utilize advanced techniques such as hair care and haircutting, long hair styling, nail care and design, and skin care and makeup application as needed for clientele and competition purposes. HUM-CSII-8.1
 2. Assess current industry trends, standards and practices that relate to the field of cosmetology. HUM-CSII-8.2
 3. Investigate career options and new techniques in cosmetology, utilizing industry professionals as guest speakers, as well as multimedia publications HUM-CSII-8.3
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HUM-CSII-9. Maintain a safe work environment and accident prevention by using safety precautions and/or practices including adherence to hazardous labeling requirements and compliance with safety signs, symbols, and labels. HUM-CSII-9

1. Analyze the role and the responsibilities of the personal care provider (student) in the classroom, laboratory, and various workplace settings in an emergency situation. HUM-CSII-9.1
 2. Demonstrate preparedness procedures for each emergency situation, including fires, electric shock, overloading a circuit, inclement weather, blood spills, and other emergency situations that may occur in the classroom/laboratory or workplace. HUM-CSII-9.2
 3. Adhere to all safety procedures when working with chemicals. HUM-CSII-9.3
 4. Demonstrate all infection controls procedures when working in the clinic lab. HUM-CSII-9.4
 5. Follow proper care and safety protocol when working with models/clients. HUM-CSII-9.5
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HUM-CSII-10. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events. HUM-CSII-10

1. Research the history of SkillsUSA. HUM-CSII-10.1
2. Discuss the mission, purpose, motto, colors, official dress and other distinguishing characteristics of SkillsUSA HUM-CSII-10.2
3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. HUM-CSII-10.3

4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills and knowledge of this course. HUM-CSII-10.4
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**Cosmetology Services III
(12.411)**

HUM-CSIII-1. Demonstrate employability skills required by business and industry. HUM-CSIII-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-CSIII-1.1
 2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-CSIII-1.2
 3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-CSIII-1.3
 4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-CSIII-1.4
 5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills. HUM-CSIII-1.5
 6. Present a professional image through appearance, behavior and language. HUM-CSIII-1.6
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HUM-CSIII-2. Demonstrate proper methods of infection control, storage of products, draping clients, stylist protection, proper use of haircutting implements and safety used during haircutting services. HUM-CSIII-2

1. Demonstrate proper methods of sanitation and disinfection needed for haircutting services, including styling station, draping, tools, and implements used. HUM-CSIII-2.1
 2. Perform proper disinfection, maintenance care, and storage of haircutting implements. HUM-CSIII-2.2
 3. Demonstrate using client protection and following all sanitation and disinfection guidelines when performing haircutting services, including proper draping, palming of shears/razor, safe handling of tools, and implements HUM-CSIII-2.3
 4. Identify and explain the functions of various haircutting implements. HUM-CSIII-2.4
 5. Demonstrate safe and proper use of various haircutting tools. HUM-CSIII-2.5
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HUM-CSIII-3. Explain the importance of reference points on the head, design elements, and principle needed for haircutting services, including analysis of client's facial shape, features, and profile. HUM-CSIII-3

1. Demonstrate knowledge of reference points used on the head during haircutting. HUM-CSIII-3.1
 2. Apply the five elements of design in relation to haircutting. HUM-CSIII-3.2
 3. Identify the five principles of hair design and how it relates to haircutting. HUM-CSIII-3.3
 4. Explain the different hair types and how it influences haircutting. HUM-CSIII-3.4
 5. Demonstrate harmony and balance in haircutting, using the client's facial shape/features and profile. HUM-CSIII-3.5
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HUM-CSIII-4. Demonstrate the fundamentals of haircutting including, angles, elevations, guidelines, face shapes, hair analysis, implements used, proper body position, and safety used in haircutting services. HUM-CSIII-4

1. Identify angles, elevations, cutting lines, guidelines and over direction used in haircutting. HUM-CSIII-4.1
2. Analyze different face shapes/profiles and body to determine suitable haircuts for a client. HUM-CSIII-4.2
3. Perform hair analysis for haircutting services, including growth pattern, texture, density and elasticity. HUM-CSIII-4.3
4. Identify different haircutting implements, parts of the shear, holding shears and comb, and holding the razor. HUM-CSIII-4.4
5. Demonstrate proper posture and body position used in haircutting. HUM-CSIII-4.5

HUM-CSIII-5. Introduce proper client consultations for haircutting services, including greeting techniques, client needs and desires, proper maintenance needed for client, reflective listening and recommendations. Perform various haircutting techniques and ability to check a completed haircut. HUM-CSIII-5

1. Demonstrate performing proper greeting techniques used during a service. HUM-CSIII-5.1
2. Collaborate with the client to establish needs and desires for a haircut, using reflective listening. HUM-CSIII-5.2
3. Model proper maintenance procedures for clients and make recommendations as needed for haircuts. HUM-CSIII-5.3
4. Demonstrate proper sectioning and use of guidelines and elevations needed for various haircuts HUM-CSIII-5.4
5. Perform various haircutting techniques using shears, thinning shears, razor and clippers HUM-CSIII-5.5
6. Demonstrate the procedure for checking a completed haircut, using the cross-checking method. HUM-CSIII-5.6

HUM-CSIII-6. Demonstrate the ability to perform different hair color services, using in-depth hair analysis, consultations, release forms and record cards, identifying natural hair levels, color theory, types of hair color, developers, understanding the law of color, types of hair color, color formulations, patch test, hair color applications, preliminary strand test, and gray coverage. HUM-CSIII-6

1. Assess whether the client's hair structure will influence hair color selection, amount used, application, and processing time HUM-CSIII-6.1
2. Identify natural hair color, tone, and type of pigment, including eumelanin, pheomelanin, or mixed melanin. HUM-CSIII-6.2
3. Categorize and explain the different types of hair color and the processing effect on the hair shaft. HUM-CSIII-6.3
5. Create hair color formulations using the level system, natural level, existing color and tone, and desired hair color. HUM-CSIII-6.5
6. Explain the cause and effect of using metallic and natural hair colors when working with synthetic hair colors. HUM-CSIII-6.6
7. Demonstrate the proper application for temporary and semi-permanent hair colors HUM-CSIII-6.7
9. Demonstrate knowledge and procedures for a patch test and preliminary strand test. HUM-CSIII-6.9
10. Perform client consultations for various hair color services, using release forms and record cards. HUM-CSIII-6.10

11. Incorporate all safety precautions in all hair coloring services. HUM-CSIII-6.11
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HUM-CSIII-7. Analyze and explain how the chemistry of relaxing hair is achieved for various hair types. Compare and contrast the different type of relaxers and the application procedures. Follow all safety guidelines when performing all chemical relaxing services. HUM-CSIII-7

1. Summarize how the chemistry of relaxers permanently straightens curly hair HUM-CSIII-7.1
 2. Compare and contrast different types of relaxers including; thio, Japanese thermal straighteners, hydroxide relaxers, lye-based, no-lye, and low-ph relaxers and keratin smoothing treatments. HUM-CSIII-7.2
 3. Perform in-depth hair relaxing consultations, including hair analysis, chemical history, and desired hair results. HUM-CSIII-7.3
 4. Demonstrate proper draping, sectioning, and application of protective base cream HUM-CSIII-7.4
 5. Perform virgin and retouch relaxer services according to procedures, using safety precautions. HUM-CSIII-7.5
 6. Compare and contrast curl re-forming technique to that of a permanent wave. HUM-CSIII-7.6
 7. Apply all safety precautions for all hair relaxing and curl re-forming services. HUM-CSIII-7.7
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HUM-CSIII-8. Explore and demonstrate various advanced skills, industry trends, equipment, technology, standards, practices, and career options in the cosmetology industry. HUM-CSIII-8

1. Explore and utilize advanced techniques, such as ethnic hair care, hair extensions, wigs, hair care and haircutting, long hair styling, nail care and design, skin care, and makeup applications currently used in the cosmetology industry. HUM-CSIII-8.1
 2. Investigate current industry trends, standards, and practices that relate to the field of cosmetology. HUM-CSIII-8.2
 3. Identify various career options in the cosmetology industry. HUM-CSIII-8.3
 4. Incorporate cosmetology industry professionals as guest speakers and utilize multimedia industry publications. HUM-CSIII-8.4
 5. Design and create advanced cosmetology skills as needed for competitive events HUM-CSIII-8.5
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HUM-CSIII-10. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events. HUM-CSIII-10

1. Research the history of SkillsUSA. HUM-CSIII-10.1

2. Discuss the mission, purpose, motto, colors, official dress and other distinguishing characteristics of SkillsUSA **HUM-CSIII-10.2**
3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. **HUM-CSIII-10.3**
4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills and knowledge of this course. **HUM-CSIII-10.4**

**Cosmetology Services IV
(12.412)**

HUM-CSIV-1. Demonstrate employability skills required by business and industry. HUM-CSIV-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. **HUM-CSIV-1.1**
2. 1.3 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. **HUM-CSIV-1.2**
4. Workplace Ethics Demonstrating Good Work Ethic Behaving Appropriately Maintaining Honesty Playing Fair Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. **HUM-CSIV-1.4**
5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills. **HUM-CSIV-1.5**
6. Present a professional image through appearance, behavior, and language. **HUM-CSIV-1.6**

HUM-CSIV-2. Create color/lightening formulas for clients/mannequins using different techniques and applications following a hair and scalp analysis and client consultation to determine their preferences and needs. HUM-CSIV-2

1. Compare and contrast hair lightening services for selected on-the-scalp lighteners and off-the- scalp lighteners. **HUM-CSIV-2.1**
2. Create hair swatches that illustrate the decolorizing process and analyze the results. **HUM-CSIV-2.2**
3. Assess preliminary strand tests when using hair color and lighteners. **HUM-CSIV-2.3**
4. Justify and explain hair color formulas created for covering gray hair, including pre-softening for gray coverage. **HUM-CSIV-2.4**
5. Design various lightening techniques using advanced methods including caps, foiling, and balayage techniques. **HUM-CSIV-2.5**

6. Perform 2 virgin color applications, 1 retouch color application, 3 hair lightening applications and 1 temporary color application. HUM-CSIV-2.6
 7. Investigate and perform 6 hours of color/tint removal and predisposition color test. HUM-CSIV-2.7
 8. Perform 1 lash and brow tint. HUM-CSIV-2.8
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HUM-CSIV-3. Critique hair color challenges utilizing information gained from the client consultation for various hair color correction formulas. HUM-CSIV-3

1. Examine the hair for different signs of damage and apply effective color correction. HUM-CSIV-3.1
2. Apply haircoloring concepts and recommendations for color correction services. HUM-CSIV-3.2
3. Analyze different gray hair challenges, including corrective treatments or formulas. HUM-CSIV-3.3
4. Formulate various hair colors for yellowed hair, green cast, brass tones, unwanted reds, and hair color resulting to dark. HUM-CSIV-3.4
5. Prepare fillers and toners for color corrections for various hair color challenges. HUM-CSIV-3.5
6. Perform haircoloring services utilizing all safety rules and precautions. HUM-CSIV-3.6

HUM-CSIV-4. Perform 16 various haircutting services using tools and technical skills including a variety of degree projections and incorporate multiple cutting implements and texturing techniques. HUM-CSIV-4

1. Conduct a client consultation for haircutting service using reflective listening skills, elements of hair design including styling options, hair and face shape analysis to recommend a complementary haircut for the client. HUM-CSIV-4.1
2. Perform proper draping procedure for haircutting service. HUM-CSIV-4.2
3. Perform various haircuts using a variety of haircutting tools while incorporating safety procedures throughout haircutting including shears, texturizing shears, razors, clippers, and trimmers. HUM-CSIV-4.3
4. Market recommended professional salon products to benefit the clients' haircare needs. HUM-CSIV-4.4
5. Follow post service procedures: disinfect implements, complete client consultation card, and rebook. HUM-CSIV-4.5
6. Disinfect and maintain all haircutting tools. HUM-CSIV-4.6
7. Perform 16 haircuts using a variety of degree projections (such as 0, 45, 90, and 180) within the 45-minute time frame per state board requirements. HUM-CSIV-4.7

HUM-CSIV-5. Create hairstyles using an assortment of hairstyling implements, materials and techniques including thermal hair styling, braiding, long hair designs, wigs, and artificial hair pieces. HUM-CSIV-5

1. Conduct a hair and scalp analysis including overall hair condition and services recommended from the client consultations. HUM-CSIV-5.1
2. Compare and contrast electrical and non-electrical thermal irons and pressing combs. HUM-CSIV-5.2
3. Practice safety measures while using thermal irons and pressing combs. HUM-CSIV-5.3
4. Determine the proper selection of haircare products needed for thermal hairstyling, braiding, long hair designs, wigs, and artificial hair pieces. HUM-CSIV-5.4
5. Create thermal curling techniques on a variety of hair textures and lengths using the figure 6 and 8 techniques. HUM-CSIV-5.5
6. Differentiate between soft, medium, and hard hair pressing techniques. HUM-CSIV-5.6
7. Perform 17 hairstyle technique, including round brushes and smoothing techniques. HUM-CSIV-5.7

HUM-CSIV-6. Analyze and perform facial and makeup application services suitable for the client's individual skin care needs. HUM-CSIV-6

1. Conduct a consultation to determine which facial service will be most beneficial for the client's skin. HUM-CSIV-6.1
2. Analyze the skin, accessing skin and problem areas. Draw conclusions for the proper products needed to maximize effectiveness for the client. HUM-CSIV-6.2
3. Research ingredients used in skincare products. HUM-CSIV-6.3
4. Perform facial massage techniques and describe the effectiveness massage has during a facial. HUM-CSIV-6.4
5. Describe the benefits of facial equipment that will be used to enhance a basic facial. HUM-CSIV-6.5
6. Compare and contrast facial makeup determining which products are needed to complete the desired makeup look. HUM-CSIV-6.6
7. Apply makeup products to alter the client appearance highlighting and contouring as needed to reach desired result. HUM-CSIV-6.7
8. Recommend facial treatments, products and makeup needed for different skin types. HUM-CSIV-6.8
9. Critique and analyze products on the market for aging skin, including treatments, and preventions. HUM-CSIV-6.9
10. Market appropriate product based on clients' skincare needs. HUM-CSIV-6.10
11. Perform 5 facials. HUM-CSIV-6.11
12. Perform 5 makeup applications. HUM-CSIV-6.12

HUM-CSIV-7. Gather and analyze information from the client consultation to create a complementary hair removal services following safety and sanitation precautions. HUM-CSIV-7

1. Consult with client to determine the client's desires and appropriate hair removal services. HUM-CSIV-7.1
2. Conduct analysis to determine if there are contraindications that would prevent hair removal services. HUM-CSIV-7.2
3. Research various permanent hair removal services, the training and licenses required to perform these services, and the occupational outlook. HUM-CSIV-7.3
4. Compare and contrast various temporary hair removal services. HUM-CSIV-7.4
5. Perform pre-service and post service hair removal procedures. HUM-CSIV-7.5
6. Perform 12 hair removal services (waxing, tweezing, etc.). HUM-CSIV-7.6

HUM-CSIV-8. Investigate the use of electricity used in the salon/beauty industry and perform the correct treatment for the benefit of the client. HUM-CSIV-8

1. Compare and contrast electrical appliances that are used in salons. HUM-CSIV-8.1
2. Explain how electricity is measured and the benefits of all modalities as well as the risk associated with each type. HUM-CSIV-8.2
3. Perform services using a variety of electrical appliances, adhering to all electrical safety precautions, standards, and guidelines. HUM-CSIV-8.3

HUM-CSIV-9. Analyze hands and feet to identify if conditions are favorable to receive nails care services, perform nail care services using a variety of techniques including natural nail care and nail enhancement applications that are best suited for the client. HUM-CSIV-9

1. Distinguish between disorders and diseases of the nail to identify signs that would warrant the need to refer clients to a physician. HUM-CSIV-9.1
2. Demonstrate advanced manicure and polish services (e.g., Men's, Basic, French, Gel). HUM-CSIV-9.2
3. Demonstrate artificial nail enhancement services including nail tips, gel nails, acrylic overlay sculptured nails, etc. HUM-CSIV-9.3
4. Compare and contrast basic manicures/pedicures and spa manicures/pedicures; establish the techniques and products that would be added to enhance the procedure. HUM-CSIV-9.4
5. Perform massage techniques used in manicures and pedicures (hand, arm, and foot massages). HUM-CSIV-9.5
6. Perform 2 manicures, 2 pedicures, and 1 set of sculpture nails. HUM-CSIV-9.6

HUM-CSIV-10. Explore and demonstrate basic and advanced skills, including technology used in the industry for cosmetology, barbering, esthetics, and nails. HUM-CSIV-10

1. Observe demonstrations of all modalities utilized by a licensed professional in cosmetology, barbering, esthetics, and nails. HUM-CSIV-10.1
2. Identify various tools used in cosmetology, barbering, esthetics, and nails. HUM-CSIV-10.2
3. Demonstrate proper shampooing and conditioning procedures. HUM-CSIV-10.3
4. Examine basic barbering techniques and facial hair design using various facial shapes. HUM-CSIV-10.4
5. Research new trends, techniques, products, and technology used in the cosmetology industry. HUM-CSIV-10.5

HUM-CSIV-11. Explore how related student organizations are integral parts of career and technology education courses through leadership development,

school, and community service projects, entrepreneurship development, and competitive events. HUM-CSIV-11

1. Research the history of SkillsUSA. HUM-CSIV-11.1
2. Discuss the mission, purpose, motto, colors, official dress, and other distinguishing characteristics of SkillsUSA. HUM-CSIV-11.2
3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. HUM-CSIV-11.3

4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills, and knowledge of this course. HUM-CSIV-11.4

**Esthetics Services II
(12.43)**

HUM-ESII-1. Demonstrate employability skills required by business and industry. HUM-ESII-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-ESII-1.1
2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-ESII-1.2
3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-ESII-1.3
4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-ESII-1.4
5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HUM-ESII-1.5
6. Present a professional image through appearance, behavior and language. HUM-ESII-1.6

HUM-ESII-2. Research the history, the changes, and the career opportunities in the field of esthetics. HUM-ESII-2

1. Discuss the different cosmetics used by earlier cultures. HUM-ESII-2.1
2. Explain how we have benefited from the health and beauty habits of past cultures. HUM-ESII-2.2
3. Compare the different cosmetic practices, from ancient times to modern day. HUM-ESII-2.3
4. Name and describe career opportunities available to licensed estheticians. HUM-ESII-2.4
5. Explain the development of esthetics as a distinct specialized profession. HUM-ESII-2.5

HUM-ESII-3. Adhere to appropriate safety procedures and regulations to maintain a safe and healthy environment including the use of chemicals. HUM-ESII-3

1. Describe personal and job site safety rules and regulations that maintain safe and healthy work environments. HUM-ESII-3.1
2. Explain emergency procedures to follow in response to workplace accidents. HUM-ESII-3.2
3. Identify decontamination procedures to insure the safety in the classroom and laboratory using universal precautions. HUM-ESII-3.3
4. Setup and operate equipment and utilize materials by mixing chemicals in appropriate proportions according to manufacturer's instructions. HUM-ESII-3.4
5. Clean and maintain implements by using appropriately mixed chemicals and following the procedures for decontamination and storing of tools. HUM-ESII-3.5
6. Describe the purpose of the Hazards Communication Standard. HUM-ESII-3.6

HUM-ESII-4. Analyze the anatomy, physiology and basic pathophysiology of the skin. Classify the cells, body tissues, organs and systems of the body and their functions. HUM-ESII-4

1. Describe, observe, identify and analyze the functions and structures of skin and the diseases and disorders of skin. HUM-ESII-4.1
2. Describe cells, including their structure and reproduction. HUM-ESII-4.2
3. Describe tissues and identify types of tissues of the body. HUM-ESII-4.3
4. Define major body organs and systems, and explain their basic functions. HUM-ESII-4.4

HUM-ESII-5. Evaluate the ingredients and perform an analysis on products utilized in esthetics. HUM-ESII-5

1. Define and explain the structure of matter. HUM-ESII-5.1
2. Discuss the properties of matter and how it can be changed. HUM-ESII-5.2
3. Analyze the products used in the practice of esthetics. HUM-ESII-5.3

HUM-ESII-6. Explore the role of chemistry in esthetics. HUM-ESII-6

1. Investigate the different branches of chemistry and the relationship of each branch relating to esthetics. HUM-ESII-6.1
2. Research properties and the interaction of chemicals relating to usage in esthetics. HUM-ESII-6.2

HUM-ESII-7. Perform a make-up consultation and apply productions utilizing safety and infection control guidelines. HUM-ESII-7

1. Demonstrate the proper way to select and apply products using proper safety and infection control for the appropriate techniques based on skin analysis. HUM-ESII-7.1
 2. Perform a makeup consultation utilizing knowledge of color theory, including completion of a client card. HUM-ESII-7.2
 3. Identify facial features and shapes. HUM-ESII-7.3
 4. Identify eyebrow shape measurements; and demonstrate application and removal of artificial lashes. HUM-ESII-7.4
 5. Apply basic, corrective, evening and/or glamour make-up based on client's needs and desires. HUM-ESII-7.5
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HUM-ESII-8. Research the effects of diet and health habits on the skin. HUM-ESII-8

1. Investigate the dietary guidelines needed by different people including various age groups and those with disease conditions. HUM-ESII-8.1
 2. Research the benefits of a balanced diet, vitamins, minerals, and the importance of water intake relating to healthy skin. HUM-ESII-8.2
 3. Determine the possible effects of malnutrition on the skin. HUM-ESII-8.3
 4. Evaluate the importance of the esthetician modeling good health habits. HUM-ESII-8.4
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HUM-ESII-9. Perform a basic facial application and massage. HUM-ESII-9

1. Exhibit the proper draping for the male and female client. HUM-ESII-9.1
 2. Demonstrate the different head draping for clients. HUM-ESII-9.2
 3. Describe different types of massages and the benefits. HUM-ESII-9.3
 4. Analyze and perform cleansing for different skin types and recommend treatment based on evaluation of skin. HUM-ESII-9.4
 5. Perform basic facial massage. HUM-ESII-9.5
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HUM-ESII-10. Demonstrate proper set up and components utilized in treatment room. HUM-ESII-10

1. Research the components of creating a professional atmosphere. HUM-ESII-10.1
 2. Describe equipment and supplies needed for a facial. HUM-ESII-10.2
 3. Explain the proper setup of a treatment room. HUM-ESII-10.3
 4. Disinfect and clean treatment room. HUM-ESII-10.4
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HUM-ESII-11. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events. HUM-ESII-11

1. Research the history of SkillsUSA. HUM-ESII-11.1

2. Discuss the mission, purpose, motto, colors, official dress and other distinguishing characteristics of SkillsUSA. HUM-ESII-11.2
3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. HUM-ESII-11.3
4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills and knowledge of this course. HUM-ESII-11.4

Esthetics Services III (12.431)

HUM-ESIII-1. Demonstrate employability skills required by business and industry. HUM-ESIII-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-ESIII-1.1
2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-ESIII-1.2
3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-ESIII-1.3
4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-ESIII-1.4
5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HUM-ESIII-1.5
6. Present a professional image through appearance, behavior and language. HUM-ESIII-1.6

HUM-ESIII-2. Demonstrate a client consultation and preparatory procedures for esthetics services. HUM-ESIII-2

1. Discuss the importance of client consultation and professionalism. HUM-ESIII-2.1
2. Identify and explain bone structure, face shapes, and fashion trends to fulfill client's needs and desires. HUM-ESIII-2.2
3. Demonstrate using reflective communication skills with clear understanding for applications necessary to meet individual client needs. HUM-ESIII-2.3
4. Demonstrate and record skin analysis. HUM-ESIII-2.4

HUM-ESIII-3. Perform cleansing of the face and neck based on skin analysis and client consultation. HUM-ESIII-3

1. Demonstrate the ability and knowledge to properly conduct a cleansing of the face and neck. HUM-ESIII-3.1

2. Choose the proper supplies, products, and equipment based on skin analysis and client consultation. HUM-ESIII-3.2
 3. Discuss the importance of a skin care regimen for home. HUM-ESIII-3.3
 4. Perform the proper application and removal of cleansing cream. HUM-ESIII-3.4
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HUM-ESIII-4. Evaluate the use of light and electricity on the skin and be able to properly set up and safely utilize equipment. HUM-ESIII-4

1. Explain the principles of electricity in the esthetics field. HUM-ESIII-4.1
 2. Demonstrate a working knowledge of the four basic modalities. HUM-ESIII-4.2
 3. Properly set up and use all equipment and machines in a safe manner. HUM-ESIII-4.3
 4. Describe the effects and benefits of light and electricity on the skin. HUM-ESIII-4.4
 5. Define the basics of atoms, neutrons and electrons. HUM-ESIII-4.5
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HUM-ESIII-5. Utilize client input and facial anatomy as a guide; perform hair removal, artificial lashes, tinting lash and brows. HUM-ESIII-5

1. Demonstrate shaping eyebrows by various methods, including tweezing, waxing, and threading. HUM-ESIII-5.1
 2. Demonstrate knowledge of bone structure, desired shape and procedure to meet client's needs. HUM-ESIII-5.2
 3. Demonstrate proper procedure and safety for applying and removal of artificial eyelashes. HUM-ESIII-5.3
 4. Describe how to tint lash and brows. HUM-ESIII-5.4
 5. Demonstrate a working knowledge of chemical and adverse reactions that may occur during lash and brow tinting. HUM-ESIII-5.5
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HUM-ESIII-6. Perform a post consultation and home care instructions for clients. HUM-ESIII-6

1. State the purpose and the steps for home care. HUM-ESIII-6.1
 2. Describe selling procedures for after-care products. HUM-ESIII-6.2
 3. Explain the importance of a good home care regimen to preserve the skin. HUM-ESIII-6.3
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HUM-ESIII-7. Perform facial applications for various skin combinations, and analyze the advantages of giving facials with and without machines. HUM-ESIII-7

1. Discuss the advantages of giving facials with and without machines. HUM-ESIII-7.1

2. Explain procedures for different types of skin and the benefits. HUM-ESI-7.2
 3. Demonstrate the procedure for dry, normal, oily, acne, mature and aging, and combination skin with emphasis on the benefits. HUM-ESI-7.3
 4. Demonstrate using all safety and sanitation to assure client comfort and well-being. HUM-ESI-7.4
 5. Display a strong foundation of treatment procedures and steps for individual client needs. HUM-ESI-7.5
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HUM-ESI-8. Maintain a safe work environment and accident prevention by using safety precautions and/or practices including adherence to hazardous labeling requirements and compliance with safety signs, symbols, and labels. HUM-ESI-8

1. Analyze the role and the responsibilities of the personal care provider (student) in the classroom, laboratory, and various workplace settings in an emergency situation. HUM-ESI-8.1
 2. Demonstrate preparedness procedures for each emergency situation: fires, electric shock, overloading a circuit, inclement weather, blood spills, and other emergency situations that may occur in the classroom/laboratory or workplace. HUM-ESI-8.2
 3. Demonstrate adhering to all safety procedures when working with chemicals. HUM-ESI-8.3
 4. Demonstrate all infection controls procedures when working in the clinic lab. HUM-ESI-8.4
 5. Demonstrate following proper care and safety protocol when working with models/clients. HUM-ESI-8.5
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HUM-ESI-9. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events. HUM-ESI-9

1. Research the history of SkillsUSA. HUM-ESI-9.1
 2. Discuss the mission, purpose, motto, colors, official dress and other distinguishing characteristics of SkillsUSA. HUM-ESI-9.2
 3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. HUM-ESI-9.3
 4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills and knowledge of this course. HUM-ESI-9.4
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HUM-FL-1. Demonstrate employability skills required by business and industry. HUM-FL-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-FL-1.1
 2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-FL-1.2
 3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-FL-1.3
 4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-FL-1.4
 5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills. HUM-FL-1.5
 6. Present a professional image through appearance, behavior and language. HUM-FL-1.6
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HUM-FL-2. Outline the function of the digestive system and absorption process during the lifespan. HUM-FL-2

1. Describe the structure and function of the digestive system. HUM-FL-2.1
 2. Define bioavailability and describe the nutrient absorption process. HUM-FL-2.2
 3. Define essential nutrient, list the six classes of essential nutrients, and describe the functions they perform in the body and list major food sources in the typical American diet. HUM-FL-2.3
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HUM-FL-3. Design and demonstrate a nutritious diet. HUM-FL-3

1. Define and demonstrate an understanding of the components of a nutritious diet by planning menus for different age groups using Dietary Guidelines for Americans, other sources of consumer dietary guidance including My Plate, and the Exchange Lists for Meal Planning, and Food Labels. HUM-FL-3.1
2. Identify common food allergies and intolerances and the effect on menu planning and meal preparation, as well as the selection of foods in the marketplace. HUM-FL-3.2
3. Select and incorporate healthy recipes when planning menus and select cooking methods and ingredient substitutions that improve healthfulness of prepared foods, including reduction of salt and fat and enhancement with herbs and spices, vinegars and oils, rubs and marinades, aromatic vinegars, reduction and searing. HUM-FL-3.3
4. Discuss the health related selection criteria for convenience foods and restaurant foods. HUM-FL-3.4

5. Assess the effects of lifestyle, income, health and other factors on food selection and nutrition at different stages in the lifespan. HUM-FL-3.5
 6. Identify and describe resources, both governmental and other, that provide a nutrition safety net for eligible individuals at different stages of the life cycle (e.g. WIC, School Nutrition Programs, SNAP, EFNEP, Nutrition Program for the Elderly, Community Resources, etc). HUM-FL-3.6
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HUM-FL-4. Identify and discuss the requirements of maternal and fetal nutrition during pregnancy HUM-FL-4

1. Discuss the changes in nutritional needs throughout pregnancy for the mother and the developing fetus and the role of the placenta in meeting those needs. HUM-FL-4.1
 2. Identify and describe the stages of fetal growth and the positive and negative nutritional influences. HUM-FL-4.2
 3. Discuss prenatal nutrition-related issues for the developing baby during pregnancy, such as supplement use; pica; consumption of alcohol, caffeine, artificial sweeteners and heavy metals and pesticides; smoking; and prevention of neural tube defects. HUM-FL-4.3
 4. Study common nutrition-related issues of the mother such as constipation, hemorrhoids, heartburn, nausea and vomiting and outline strategies for their management. HUM-FL-4.4
 5. Discuss high-risk pregnancies with emphasis on teenage pregnancies, pregnancy induced hypertension and gestational diabetes. HUM-FL-4.5
 6. Plan menus for one day that take into account the nutritional needs of the mother and the developing fetus and avoid inclusion of potential injurious dietary components; and compare to a typical teenage diet. HUM-FL-4.6
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HUM-FL-5. Investigate the proper feeding of newborns by analyzing nutritional requirements and potential deficiencies of mother and child during the first weeks after birth. HUM-FL-5

1. Compare and contrast the nutritional content of breast milk (produced in the various stages of lactation) and infant formula. HUM-FL-5.1
 2. Discuss the advantages and disadvantages of breastfeeding versus bottle feeding for the mother, father and baby. HUM-FL-5.2
 3. Demonstrate the steps in the proper preparation of infant formula, and identify potential safety hazards in the preparation of infant formula and the storage of infant formula and expressed breast milk. HUM-FL-5.3
 4. Identify and discuss conditions that impact feeding, i.e. cleft lip/palate, constipation. HUM-FL-5.4
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HUM-FL-6. Develop a nutritionally balanced diet for infants from birth through the first year of life. HUM-FL-6

1. Identify the roles and changing sources of key nutrients of concern during this age period. HUM-FL-6.1
2. Determine the effects of a diet lacking required key nutrients on growth and development. HUM-FL-6.2
3. Discuss the impact of environmental factors on the infant's diet. HUM-FL-6.3
4. Outline and justify the recommendations for the introduction of solid foods, taking into account the most updated recommendations on early food allergens and the development of the digestive system and oral structures. HUM-FL-6.4
5. Compare commercially available infant foods to home prepared infant foods. (color, texture, flavor, convenience, nutritional value, cost, etc.) HUM-FL-6.5
6. Describe safe techniques for the preparation of home prepared infant foods and the storage of both home-prepared and commercially-prepared infant foods. HUM-FL-6.6

HUM-FL-7. Develop a nutritionally balanced diet for children in the different stages of childhood. HUM-FL-7

1. Identify the requirements for a nutritionally-balanced diet for the child in the different stages of childhood. HUM-FL-7.1
2. Determine the health effects of a diet lacking required problem nutrients. HUM-FL-7.2
3. Identify common factors that put a child at nutritional risk. HUM-FL-7.3
4. Discuss the impact of environmental factors on the child's diet. HUM-FL-7.4
5. Evaluate the use of dietary supplements in childhood. HUM-FL-7.5
6. Determine how the school nutrition program meets the nutritional needs at different stages of childhood. HUM-FL-7.6
7. Compare and contrast the nutritional value of cow's milk, goat's milk, soy milk, and various other non-dairy milks and the role in meeting the nutritional needs to the child. HUM-FL-7.7

HUM-FL-8. Develop a nutritionally balanced diet for an adolescent. HUM-FL-8

1. Identify the requirements for a nutritionally-balanced diet for the adolescent. HUM-FL-8.1
2. Determine the health effects of a diet lacking required problem nutrients in this age group. HUM-FL-8.2
3. Discuss the impact of environmental factors on the adolescent's diet. HUM-FL-8.3

4. Identify changes in body composition as a result of growth and development and explain the causes of increased nutritional risk for individuals in this age group. HUM-FL-8.4
 5. Demonstrate an awareness of fluids, hydration, carbohydrates and supplements on physical activity. HUM-FL-8.5
 6. Explain the causes of obesity and evaluate popular weight loss diets within the context of an adequate and balanced diet. HUM-FL-8.6
 7. Distinguish between eating disorders, and predict the outcomes and identify the at-risk individuals. HUM-FL-8.7
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HUM-FL-9. Develop a nutritionally-balanced diet for the middle adult years HUM-FL-9

1. Identify the requirements for nutritionally-balanced diet for the middle adult years. HUM-FL-9.1
 2. Determine the health effects of a diet lacking required problem nutrients. HUM-FL-9.2
 3. Discuss the impact of environmental factors on the middle-aged adult diet. HUM-FL-9.3
 4. Discuss nutrition strategies to prevent the development of chronic diseases, such as heart disease, diabetes, cancers, and osteoporosis. HUM-FL-9.4
 5. Predict the weight and nutritional status outcomes in women as a result of hormonal changes. HUM-FL-9.5
 6. Describe and demonstrate the components and appropriate activities of a physical fitness program such as muscle strength, endurance (aerobic fitness), and flexibility. HUM-FL-9.6
 7. Discuss the use of alternative sweeteners and fat substitutes and analyze their nutritional effects and cooking performance. HUM-FL-9.7
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HUM-FL-10. Develop a nutritionally balanced diet for the elderly. HUM-FL-10

1. Describe the biological aspects of aging and outline life expectancy in relation to current demographics in the United States. HUM-FL-10.1
 2. Identify the requirements for a nutritionally-balanced diet for the elderly. HUM-FL-10.2
 3. Determine the health effects of a diet lacking required problem nutrients. HUM-FL-10.3
 4. Discuss the impact of environmental factors on the elder adult diet. (e.g., access and ability to obtain and prepare healthy food). HUM-FL-10.4
 5. Identify medications commonly used by the elderly and the potential of medications to impact nutritional status. HUM-FL-10.5
 6. Describe food assistance programs for the elderly. HUM-FL-10.6
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HUM-FL-11. Research careers in foods and nutrition. HUM-FL-11

1. Identify foods and nutrition careers in the government, business, media, educational and healthcare sectors and list the educational requirements for those identified. HUM-FL-11.1
 2. Analyze how studying foods and nutrition can benefit one in the future. HUM-FL-11.2
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**Food, Nutrition, and
Wellness (20.4161)**

HUM-FNW-1. Demonstrate employability skills required by business and industry. HUM-FNW-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-FNW-1.1
 2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-FNW-1.2
 3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-FNW-1.3
 4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-FNW-1.4
 5. Apply the appropriate skills sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills. HUM-FNW-1.5
 6. Present a professional image through appearance, behavior and language. HUM-FNW-1.6
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HUM-FNW-2. Examine how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects and competitive events. HUM-FNW-2

1. Research the history of FCCLA. HUM-FNW-2.1
 2. Discuss the mission, purpose, motto, colors, official dress and other distinguishing characteristics of FCCLA. HUM-FNW-2.2
 3. Explain how participation in FCCLA can promote lifelong responsibility for community service, professional growth and development. HUM-FNW-2.3
 4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state and national level that align with the competencies, skills, and knowledge of this course. HUM-FNW-2.4
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HUM-FNW-3. Analyze factors that influence food choices and quality of diet. HUM-FNW-3

1. Explain how physical factors influence food choices and quality of diet. HUM-FNW-3.1

2. Explain how emotional factors influence food choices and quality of diet. HUM-FNW-3.2
 3. Predict how psychological factors influence food choices and quality of diet. HUM-FNW-3.3
 5. Research how spiritual, religious, cultural, and family customs influence food choices and quality of diet. HUM-FNW-3.5
 6. Research government and legislation, (i.e. FSIS, USDA, FDA, GRAS, Delaney Clause), influence food choices and quality of diet. HUM-FNW-3.6
 7. Compare economic factors that influence food choices and quality of diet. HUM-FNW-3.7
 8. Examine how environmental factors influence food choices and quality of diet. HUM-FNW-3.8
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HUM-FNW-4. Evaluate nutritional information in relation to wellness for individuals and families. HUM-FNW-4

1. Identify basic nutrient information (i.e. nutrient classes and major sources of each. HUM-FNW-4.1
 2. Analyze the Dietary Guidelines for Americans, Dietary Recommended Intake, and My Plate. HUM-FNW-4.2
 3. Compare and analyze food labels and nutrition facts panels on food products. HUM-FNW-4.3
 4. Compare portion sizes in different food categories. HUM-FNW-4.4
 5. Determine the allowable amount of trans fats in foods. HUM-FNW-4.5
 6. Discuss the use of additives and controlled substances. HUM-FNW-4.6
 7. Examine the regulation of herbal supplements. HUM-FNW-4.7
 8. Analyze reliable sources of nutrition information. HUM-FNW-4.8
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HUM-FNW-5. Analyze the effects of food eating behaviors on wellness. HUM-FNW-5

1. Compare and contrast healthy eating habits and practices. HUM-FNW-5.1
2. Determine healthy strategies to gain, lose and maintain weight. HUM-FNW-5.2
3. Examine traits, examples, and health risks of fad diets. HUM-FNW-5.3
4. Determine types and symptoms of eating disorders. HUM-FNW-5.4
5. Compare and analyze financial and personal consequences from food related illnesses. HUM-FNW-5.5
6. Determine strategies to lower intake of fat, sodium, caffeine and sugar. HUM-FNW-5.6
7. Determine strategies to avoid/prevent cancer, heart disease, obesity, and common nutrient deficiencies. HUM-FNW-5.7

8. Examine the role of artificial sweeteners. HUM-FNW-5.8
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HUM-FNW-6. Investigate the health and nutrition requirements of individual and families with special needs. HUM-FNW-6

1. Determine the health and nutrition requirements of athletes, young children and older adults. HUM-FNW-6.1
 2. Determine the health and nutrition requirements for vegetarians and people with food allergens. HUM-FNW-6.2
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HUM-FNW-7. Analyze food safety and sanitation practices from production to consumption. HUM-FNW-7

1. Demonstrate proper sanitation practices (ex. hand washing, BAC guidelines). HUM-FNW-7.1
 2. Understand the requirements of food temperatures and food safety. HUM-FNW-7.2
 3. Demonstrate the need of safe food handling practices. HUM-FNW-7.3
 4. Develop sanitation practices that apply to the Hazard Analysis and Critical Control Point (HACCP) system. HUM-FNW-7.4
 5. Demonstrate the need of safe food storage practices. HUM-FNW-7.5
 6. Develop appropriate activities regarding the safe use of equipment. HUM-FNW-7.6
 7. Understand the Health Department Inspection procedures and regulations. HUM-FNW-7.7
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HUM-FNW-8. Compare the causes and foods at risk for illnesses. HUM-FNW-8

1. Distinguish causes and differences in food borne illnesses (e.g. but not limited to: Clostridium botulinum, Clostridium perfringens, Escherichia coli, Listeria monocytogenes, Staphylococcus aureus, Salmonella, Hepatitis, and Trichinosis. HUM-FNW-8.1
 2. Understand the causes of food contaminants. HUM-FNW-8.2
 3. Identify the potentially hazardous foods and causes. HUM-FNW-8.3
 4. Determine the effect of ingredients on microbes, processing time and/or temperature. HUM-FNW-8.4
 5. Identify safety nets and identify resources to combat food borne illnesses (i.e. FDA). HUM-FNW-8.5
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HUM-FNW-9. Evaluate scientific and technical advances in food processing, storage, product development and distribution for nutrition and wellness. HUM-FNW-9

1. Explain scientific methods and hypothesis testing. HUM-FNW-9.1
2. Explain organically grown foods. HUM-FNW-9.2
3. Discuss and explain concentrated foods. HUM-FNW-9.3

4. Give examples on the effects of food density, shape and size, and amount of food. HUM-FNW-9.4
5. Investigate strategies to increase the food supply, sustain the food supply, and protect the food supply. HUM-FNW-9.5
6. Define the role of technology in expanding the food supply. HUM-FNW-9.6

HUM-FNW-10. Design and demonstrate ability to select, store, prepare and serve nutritious, safe and appealing foods. HUM-FNW-10

1. Determine the equivalents and measuring techniques for serving nutritious, safe and appealing foods. HUM-FNW-10.1
2. Identify sources of nutritious, safe and appealing locally grown foods. HUM-FNW-10.2
3. Demonstrate safe food practices for cooking outdoors. HUM-FNW-10.3
4. Demonstrate the selection, storage and cooking techniques for meats and meat products. HUM-FNW-10.4
5. Demonstrate the selection, storage and cooking techniques for dairy products. HUM-FNW-10.5
6. Demonstrate the selection, storage and cooking techniques for grains and starches. HUM-FNW-10.6
7. Demonstrate the selection, storage and cooking techniques for fruits. HUM-FNW-10.7
8. Demonstrate the selection, storage and cooking techniques for vegetables. HUM-FNW-10.8
9. Apply different food service styles to menu planning. HUM-FNW-10.9

HUM-FNW-11. Research careers related to food, nutrition and wellness. HUM-FNW-11

1. Identify foods and nutrition careers in the government, business, media, educational, and healthcare sectors and list the educational requirements for those identified. HUM-FNW-11.1
2. Examine the job market at a local, state and regional level. HUM-FNW-11.2
3. Analyze how studying foods and nutrition now can benefit one in the future. HUM-FNW-11.3

Food Science (20.4181)

HUM-FS-1. Demonstrate employability skills required by business and industry. HUM-FS-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-FS-1.1
2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-FS-1.2

3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-FS-1.3
 4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-FS-1.4
 5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills. HUM-FS-1.5
 6. Present a professional image through appearance, behavior and language. HUM-FS-1.6
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HUM-FS-2. Define food science and explore careers in food science. HUM-FS-2

1. Define the study of food science and summarize how food products and processing methods have changed in modern history due to contributions of food scientists. HUM-FS-2.1
 2. Describe the history of the development of food and food systems emphasizing the transition from hunting and gathering to farming and then to market-based societies. HUM-FS-2.2
 3. Analyze how studying food science can benefit one in the future HUM-FS-2.3
 4. Evaluate and list careers in food science and list the educational requirements HUM-FS-2.4
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HUM-FS-3. Investigate how and why scientific evaluation of foods is conducted. HUM-FS-3

1. Identify physical, physicochemical, and chemical techniques used for assessing food quality. HUM-FS-3.1
 2. Define sensory evaluation, identify the qualities that make-up the sensory characteristics of food, and explain how taste, aroma and the mouth feel sensations combined to give food their flavor. HUM-FS-3.2
 3. Explain what sensory evaluation panels do and conduct a sensory panel using appropriate controls and quantify and analyze the data. HUM-FS-3.3
 4. Describe the role of science in the development of new food products and the use of the scientific method. HUM-FS-3.4
 5. Identify equipment found in the food science laboratory and how to properly and safely use it. HUM-FS-3.5
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HUM-FS-4. Explore the basic chemistry concepts of food science. HUM-FS-4

1. Define and describe the parts of an atom. HUM-FS-4.1
2. Define matter and compare and contrast substances (elements and compounds) and mixtures (homogeneous and heterogeneous). HUM-FS-4.2

3. Recognize chemical symbols on the periodic table for common elements found in food and their role as the building blocks for compounds in food. HUM-FS-4.3
 4. Describe the formation of compounds via ionic and covalent bonding and the representation of the reactions in balanced chemical equations for simple compounds such as salt and water. HUM-FS-4.4
 5. Differentiate between organic and inorganic compounds and classify the major food constituents as organic (carbohydrates, fat, protein, vitamins) or inorganic (water, minerals). HUM-FS-4.5
 6. Identify the classes of organic compounds important in food (hydrocarbons, alcohols, aldehydes, ketones, acids and amines) and the characterizing features of their structural formulas. HUM-FS-4.6
 7. Define and differentiate between chemical and physical changes during food preparation and preservation. HUM-FS-4.7
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HUM-FS-5. Observe how energy works in food preparation and preservation HUM-FS-5

1. Explain and demonstrate how heat is transferred via conduction, convection and radiation. HUM-FS-5.1
 2. Compare the effect of various temperatures on rates of chemical and physical reactions. HUM-FS-5.2
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HUM-FS-6. Examine why water and acidity are important factors in food preparation and preservation. HUM-FS-6

1. Explain the importance of water as a food constituent and explain the relationship between the molecular structure of water and the functional properties of water (melting point, boiling point, role as a solvent and disperser, heat transfer medium). HUM-FS-6.1
2. Describe and demonstrate the functions and identify factors that alter the functional properties of water (addition of solutes such as salt and sugar; atmospheric pressure). HUM-FS-6.2
3. Describe the three states of water and the transition between states, (i.e. phase changes) HUM-FS-6.3
4. Define and differentiate between water content and water activity and relate their importance to food preparation/preservation and storage using representative examples. HUM-FS-6.4
5. List the common sources of water and the common contaminants. HUM-FS-6.5
6. Define acid, base and salt, and identify sensory properties and roles in determining the quality characteristics (color, flavor, texture) and safety of food. HUM-FS-6.6
7. Discuss ionization, using water as an example, and the relationship to the formation of acids and bases. HUM-FS-6.7

8. Describe the pH scale and demonstrate how to measure pH. HUM-FS-6.8

HUM-FS-7. Summarize why carbohydrates are important in food preparation, preservation, and the nutritional impact on diets. HUM-FS-7

1. Identify the functions of carbohydrates. HUM-FS-7.1
 2. Define and identify the functions of simple and complex carbohydrates, define monosaccharides and disaccharides, and identify the role and function of sugars in food products. HUM-FS-7.2
 3. Compare and contrast starches and non-starch-based polysaccharides and the role as food ingredients. HUM-FS-7.3
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HUM-FS-8. Summarize why lipids are important in food preparation and preservation and the nutritional impact they have on diet. HUM-FS-8

1. Identify fats present in food and differentiate between triglycerides, phospholipids, and sterols and stanols. HUM-FS-8.1
 2. Describe the structure of saturated, monounsaturated and polyunsaturated fatty acids. HUM-FS-8.2
 3. Identify and compare the functional properties of triglycerides classified as monounsaturated, polyunsaturated, saturated and trans and list the advantages and disadvantages of their use in food preparation. HUM-FS-8.3
 4. Examine the functions of lipids in food preparation and analyze the nutritional impact of lipids in the diet. HUM-FS-8.4
 5. Describe mono and diglycerides and phospholipids and their function as emulsifiers in food products. HUM-FS-8.5
 6. List and describe the types and causes of fat degradation and mechanisms used in the control. HUM-FS-8.6
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HUM-FS-9. Summarize why proteins are important in food preparation and preservation and the nutritional impact they have on diet. HUM-FS-9

1. Describe the chemical structure and organization of proteins. HUM-FS-9.1
 2. Describe the functional roles of protein in food products. HUM-FS-9.2
 3. Explain what happens during the denaturation of protein and illustrate how the process occurs using acids, enzymes and salts and mechanical action. HUM-FS-9.3
 4. Explain coagulation and apply basic principles of the chemistry to prepare high-protein foods such as eggs, milk and meat products. HUM-FS-9.4
 5. Define enzyme, including the nomenclature and mechanism of action, identify factors that control enzymatic activity and discuss examples of positive and negative enzymatic effects in food products. HUM-FS-9.5
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HUM-FS-10. Investigate the sources, and impact of food formulations, preparation and preservation on food constituents important to health. HUM-FS-10

1. Differentiate between nutrient and phytochemical and indicate the role of each in promoting health. HUM-FS-10.1
2. List the key vitamins, minerals, and phytochemicals present in food and identify foods that are major sources of each food constituent and their role in promoting health. HUM-FS-10.2
3. Define enrichment/fortification, list ideal characteristics of the food fortified or enriched and discuss the role in meeting nutrient needs of the population. HUM-FS-10.3
4. Differentiate between availability and bioavailability. HUM-FS-10.4
5. Explain the impact of food preparation, food processing and preservation methods on nutrient value and bioavailability of phytochemicals. HUM-FS-10.5
6. Define functional foods and explore types of functional foods currently in the marketplace and the potential to impact health. HUM-FS-10.6

HUM-FS-11. Investigate the reasons for the use of food additives and food analogs in food preparation and in processed products. HUM-FS-11

1. Define food additives, discuss the various purposes of food additives in food products, and identify advantages and disadvantages of their use. HUM-FS-11.1
2. Identify regulations governing the approval and use of food additives and the agencies involved. HUM-FS-11.2
3. Explain the difference between natural and artificial additives. HUM-FS-11.3
4. Define food analog and list the main reasons for their use. HUM-FS-11.4
5. Explore the impact of the use of substitutes for fat, sugar, and salt on product quality characteristics and nutrient content. HUM-FS-11.5
6. Conduct a sensory evaluation of foods with and without food additives/analog and compile the data and examine the results. HUM-FS-11.6

HUM-FS-12. Analyze the principles of fermentation. HUM-FS-12

1. List the reasons that food is fermented and identify common food products that result from fermentation. HUM-FS-12.1
2. Define probiotics and the relationship to fermented foods and the benefits for gut health. HUM-FS-12.2
3. Differentiate among yeast, bacterial and mold fermentation and identify food products produced for each type of fermentation. HUM-FS-12.3
4. List the factors that impact the growth of single-celled organisms. HUM-FS-12.4

5. Describe the process of pickling and compare and contrast the use of fermentation versus the addition of vinegar to produce cucumber pickles. HUM-FS-12.5
 6. Describe the making of a fermented food product, such as vinegar, cheese, yogurt or chocolate. HUM-FS-12.6
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HUM-FS-13. Investigate measures used to produce safe and wholesome food under sanitary conditions HUM-FS-13

1. Discuss the three major types of food contaminants: physical, chemical, and biological. HUM-FS-13.1
 2. Differentiate among food borne illness, food spoilage and food sanitation. HUM-FS-13.2
 3. List specific microbial organisms that can cause food-borne illness. HUM-FS-13.3
 4. Define toxin, pathogen and parasite and differentiate between food intoxication and food infection. HUM-FS-13.4
 5. Discuss sanitation and food handling and processing practices used to produce wholesome foods during the processing, preparation, consumption and storage of food. HUM-FS-13.5
 6. Describe the common causes of food spoilage and steps to reduce/prevent spoilage. HUM-FS-13.6
 7. Identify government agencies in the United States that regulate the food supply. HUM-FS-13.7
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HUM-FS-14. Compare and contrast different food preservation methods and the resultant quality of preserved food. HUM-FS-14

1. Describe and provide examples of the continuum of processed foods. HUM-FS-14.1
2. Identify the major functions of packaging used for food products, differentiating between the functions of primary, secondary and tertiary packaging. HUM-FS-14.2
3. Identify common types of packaging materials, and compare and contrast the properties of containers made from different packaging materials and selection criteria. HUM-FS-14.3
4. Discuss reduced oxygen packaging and the effects on product quality and availability of products in the marketplace. HUM-FS-14.4
5. Explain the importance of product pH and final water activity of the processed product to preservation of foods. HUM-FS-14.5
6. Examine the factors to be considered in the selection and use of successful thermal processing techniques (canning, freezing and pasteurization) and describe commercial thermal-processing methods. HUM-FS-14.6

7. Examine the processes of curing, dehydration, freeze-drying, and extended shelf life of fresh products (refrigeration, modified atmosphere packaging and irradiation). HUM-FS-14.7
 8. Compare and contrast processes used for home and commercial preservation and evaluate resulting quality of the products preserved using different commercial and/or home methods. HUM-FS-14.8
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Foundations of Interior Design (20.441)

HUM-FID-1. Demonstrate employability skills required by business and industry. HUM-FID-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-FID-1.1
 2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-FID-1.2
 3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-FID-1.3
 4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-FID-1.4
 5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HUM-FID-1.5
 6. Present a professional image through appearance, behavior and language. HUM-FID-1.6
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HUM-FID-2. Explore and identify career options within the field of interior design. HUM-FID-2

1. Differentiate and discuss the preparation, training, and educational levels of a decorator versus a designer. HUM-FID-2.1
2. Discuss the importance of professional organizations related to interior design. HUM-FID-2.2
3. Identify and discuss sustainability issues and environmental issues. HUM-FID-2.3
4. Identify and discuss various avenues and careers within the fields of professional interior design. HUM-FID-2.4

HUM-FID-3. Discuss issues of professional practice. HUM-FID-3

1. Identify a network for professional design resources for interior design businesses. HUM-FID-3.1
2. Research specific trade and professional publications. HUM-FID-3.2
3. Determine and list required documents for a design project. HUM-FID-3.3
4. Explore the ethics of professional practice. HUM-FID-3.4

HUM-FID-4. Examine the designer-client relationship. HUM-FID-4

1. Describe personal qualities needed to work with clients effectively. HUM-FID-4.1
2. Identify characteristics necessary to communicate effectively both verbally and visually with a client. HUM-FID-4.2
3. Discuss the different presentation methods and when you might use each when working with a client. HUM-FID-4.3
4. Identify other participants that might be involved in a designer-client relationship, (e.g., architect, builder) and the importance of coordinating schedules, contracts, specifications and details to all parties for the desired end result. HUM-FID-4.4

HUM-FID-5. Explain the principles and elements of design. HUM-FID-5

1. Define the principles of design and illustrate uses such as: harmony, balance, proportion, scale, contrast, dominance, opposition, principality, rhythm, subordination and transition. HUM-FID-5.1
2. Define the elements of design and illustrate their use: line, form, color, light, material, space and texture. HUM-FID-5.2
3. Identify the different color schemes and how they play a role in the atmosphere you are trying to create. HUM-FID-5.3
4. Understand the interrelationship of the elements and principles of design. HUM-FID-5.4
5. Evaluate the psychological impact that elements and principles of design have on an individual. HUM-FID-5.5

HUM-FID-6. Explore floor plans and importance in interior design. HUM-FID-6

1. Discuss dimensional floor plans and elevations. HUM-FID-6.1
2. Identify the elements of a floor plan. HUM-FID-6.2
3. Identify the architectural blueprint symbols, dimensions, and practices. HUM-FID-6.3
4. Demonstrate a perspective sketch and discuss their importance in the industry. HUM-FID-6.4
5. Create floor plans using computer design software. HUM-FID-6.5

HUM-FID-7. Discuss space planning and traffic patterns. HUM-FID-7

1. Describe the typical rooms in a residence and the desired characteristics of each. HUM-FID-7.1
2. Identify the space requirements for each basic room and the concept of "planning for people." HUM-FID-7.2
3. Identify traffic patterns in a floor plan. HUM-FID-7.3
4. Describe the advantages and disadvantages to different floor plans and arrangements of furniture, as it relates to traffic patterns. HUM-FID-7.4
5. Analyze the design process of a variety of rooms with existing constraints, and how to best utilize the space. HUM-FID-7.5

HUM-FID-8. Synthesize programming concepts that pertain to residential design. HUM-FID-8

1. Assess client needs and develop a design concept - schematic design. HUM-FID-8.1
2. Understand spatial needs based on clients specifications - design development. HUM-FID-8.2
3. Demonstrate each step in the design process - schematic design, design development and construction development. HUM-FID-8.3

HUM-FID-9. Synthesize programming concepts that pertain to commercial design. HUM-FID-9

1. Assess client needs and develop a design concept - schematic design. HUM-FID-9.1
2. Understand spatial needs based on clients specifications – design development. HUM-FID-9.2
3. Demonstrate each step in the design process. HUM-FID-9.3

HUM-FID-10. Evaluate the relationship of human factors in interior design projects. HUM-FID-10

1. List the human factors of ergonomics, anthropometrics and proxemics that could impact a design. HUM-FID-10.1
2. Demonstrate knowledge of how the dimensions of the human body influence the outcome of a specific design project. HUM-FID-10.2
3. Justify specific human, environmental, or ergonomic factor for projects. HUM-FID-10.3
4. Determine and discuss aspects of ADA compliance and universal design. HUM-FID-10.4

HUM-FID-11. Apply the current use of technology as related to the study of Interior Design. HUM-FID-11

1. Demonstrate the ability to use interior design services software. HUM-FID-11.1
2. Apply presentation methods through the use of technology. HUM-FID-11.2

HUM-FID-12. Examine how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, and competitive events. HUM-FID-12

1. Research the history of FCCLA. HUM-FID-12.1
2. Discuss the mission, purpose, motto, colors, official dress and other distinguishing characteristics of FCCLA. HUM-FID-12.2
3. Explain how participation in FCCLA can promote lifelong responsibility for community service and professional growth and development. HUM-FID-12.3
4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills and knowledge of this course. HUM-FID-12.4

Fundamentals of Fashion (20.445)

HUM-FF-1. Demonstrate employability skills required by business and industry. HUM-FF-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-FF-1.1
2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-FF-1.2
3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-FF-1.3
4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-FF-1.4
5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HUM-FF-1.5
6. Present a professional image through appearance, behavior and language. HUM-FF-1.6

HUM-FF-2. Analyze the history of fashion and the fashion industry. HUM-FF-2

1. Formulate a time line detailing the evolution of fashion from early civilizations to the nineteenth century. HUM-FF-2.1
2. Identify and describe influential people in fashion history. HUM-FF-2.2
3. Analyze specific clothing styles in the twentieth century. HUM-FF-2.3

4. Summarize three factors that contributed to the apparel industry. HUM-FF-2.4
 5. Critique three of the major trade publications in the fashion industry. HUM-FF-2.5
 6. Investigate different designers from around the world and their contributions to the fashion industry, including but not limited to Bill Blass, Liz Claiborne, Calvin Klein, Ralph Lauren, Gabrielle "Coco" Chanel, Christina Dior, Yves St Laurent, Giorgio Armani, Dolce and Gabanna, Gucci, and Versace. HUM-FF-2.6
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HUM-FF-3. Define and recognize basic fashion terminology. HUM-FF-3

1. Define and recognize fashion, apparel, garment, fashion trend, silhouette, high fashion, avant-garde, fad, craze, classic, accessories, wardrobe extenders, wardrobe plan and investment dressing. HUM-FF-3.1
 2. Define and recognize terms related to fashion construction, including fitted garment, seams, dart, bodice, draped, tailored, and composite. HUM-FF-3.2
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HUM-FF-4. Summarize the basics of the Fashion Cycle. HUM-FF-4

1. Critique each stage of the fashion cycle. HUM-FF-4.1
 2. Explore the basic philosophy of Yin Yang. HUM-FF-4.2
 3. Identify and describe fashion movement, fashion leaders and fashion trend. HUM-FF-4.3
 4. Compare and contrast trickle-up theory, trickle-down theory, and trickle-across theory. HUM-FF-4.4
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HUM-FF-5. Differentiate basic clothing styles and parts. HUM-FF-5

1. Identify and compare collar styles, including but not limited to button down, shirt, turtleneck, crewneck, jabot and shawl. HUM-FF-5.1
 2. Identify and compare neckline styles, including but not limited to crew, jewel, bateau, scoop, v-neck, sweetheart, and décolleté. HUM-FF-5.2
 3. Identify and compare skirt styles, including but not limited to pleated, gathered, A-line, wrap, and dirndl. HUM-FF-5.3
 4. Identify and compare pant styles, including but not limited to gauchos, hip huggers, jumpsuit, Bermudas, tapered and flared. HUM-FF-5.4
 5. Identify and compare dress styles, including but not limited to empire, sheath, shirtwaist, dropped waist and princess. HUM-FF-5.5
 6. Identify and compare jacket/coat styles, including but not limited to Chanel, blazer, pea, bolero, safari, trench, cape, wrap, polo, poncho and chesterfield. HUM-FF-5.6
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HUM-FF-6. Investigate the elements and principles of design relating to clothing. HUM-FF-6

1. Explore the color selection system based on the four seasons of the year to evaluate personal coloring and apply appealing color combinations to choices for wardrobe selection. HUM-FF-6.1
 2. Differentiate the various forms or silhouettes that are common in clothes. HUM-FF-6.2
 3. Assess figure types and body shapes in creating a pleasing sense of design. HUM-FF-6.3
 4. Evaluate how each design principle can be used to enhance a person's figure. HUM-FF-6.4
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HUM-FF-7. Explore the basics of the design and production process. HUM-FF-7

1. Summarize the steps in the design process. HUM-FF-7.1
 2. Explore apparel production terms and steps in the garment-making process. HUM-FF-7.2
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HUM-FF-8. Distinguish the types of business ownership and connect basic economic concepts. HUM-FF-8

1. Identify and describe the types of business structures and terms related to entrepreneurial opportunities. HUM-FF-8.1
 2. Summarize the sectors of the economy and identify where the fashion industry resides. HUM-FF-8.2
 3. Analyze operational costs such as mark ups, mark downs, cash flow, and other factors affecting profit. HUM-FF-8.3
 4. Determine the effects of security and inventory control strategies, cash and credit transaction methods, laws and worksite policies, on loss prevention and store profit. HUM-FF-8.4
 5. Evaluate the role of profit, competition, and supply and demand in the free-market system. HUM-FF-8.5
 6. Compare and contrast international sourcing for U.S. fashion importing and international market opportunities for exporting. HUM-FF-8.6
 7. Analyze the types of risks faced by a fashion business. HUM-FF-8.7
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HUM-FF-9. Investigate beneficial consumer skills necessary to make informed fashion purchases. HUM-FF-9

1. Explain the information provided on labels, packaging and hang tags. HUM-FF-9.1
2. Summarize federal legislation that deals with textile products and include the four criteria that must appear on labels of all textile products. HUM-FF-9.2
3. Compare and contrast price versus quality and care in the garment purchasing decision. HUM-FF-9.3
4. Evaluate standards of quality construction in garments. HUM-FF-9.4

5. Differentiate standard size categories for children, men, and women according to body measurements. HUM-FF-9.5
6. Assess strategies to select clothes that fit properly. HUM-FF-9.6
7. Compare and contrast the many consumer options to pay for apparel purchases. HUM-FF-9.7

HUM-FF-10. Summarize the concepts of marketing and merchandising. HUM-FF-10

1. Distinguish between market growth, share, and segmentation. HUM-FF-10.1
2. Identify and describe the original 4 P's of marketing, as well as the 7 and 8 P's of marketing. HUM-FF-10.2
3. Identify the seven marketing functions and summarize what each function does. HUM-FF-10.3
4. Assess the various types of retail establishments. HUM-FF-10.4
5. Compare and contrast various types of fashion promotion and their effectiveness, including advertising, publicity, visual merchandising, and video merchandising. HUM-FF-10.5
6. Analyze the latest fashion industry information technology. HUM-FF-10.6
7. Explain how technological, economic, and global factors influence fashion marketing. HUM-FF-10.7

HUM-FF-11. Research career paths within the fashion industry. HUM-FF-11

1. Analyze opportunities for employment and entrepreneurial endeavors, including education and training requirements. HUM-FF-11.1
2. Investigate the future employment needs for the fashion industry. HUM-FF-11.2
3. Determine continuing education opportunities that enhance career advancement. HUM-FF-11.3
4. Analyze the role of professional organizations in the fashion, textile and apparel industries. HUM-FF-11.4

**Housing and
Community
Management (20.432)**

HUM-HCM-1. Demonstrate employability skills required by business and industry. HUM-HCM-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-HCM-1.1
2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-HCM-1.2
3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-HCM-1.3

4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-HCM-1.4
 5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HUM-HCM-1.5
 6. Present a professional image through appearance, behavior and language. HUM-HCM-1.6
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HUM-HCM-2. Examine how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, and competitive events. HUM-HCM-2

1. Research the history of FCCLA. HUM-HCM-2.1
 2. Discuss the mission, purpose, motto, colors, official dress and other distinguishing characteristics of FCCLA. HUM-HCM-2.2
 3. Explain how participation in FCCLA can promote lifelong responsibility for community service and professional growth and development. HUM-HCM-2.3
 4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills and knowledge of this course. HUM-HCM-2.4
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HUM-HCM-3. Investigate career paths within the housing industry. HUM-HCM-3

1. Identify key terms in the housing industry. HUM-HCM-3.1
 2. Explain the roles and functions of individuals engaged in housing careers (includes specific careers). HUM-HCM-3.2
 3. Summarize education, training, and credentialing requirements and opportunities for employment and entrepreneurial endeavors in housing. HUM-HCM-3.3
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HUM-HCM-4. Examine residential issues that impact the housing industry. HUM-HCM-4

1. Review customer service skills. HUM-HCM-4.1
2. Analyze occupancy management principles and procedures that meet clients' needs and expectations. HUM-HCM-4.2
3. Investigate safety and security in the housing industry. HUM-HCM-4.3
4. Develop emergency management plans and resources for a variety of housing types. HUM-HCM-4.4
5. Research strategies to address resident issues and satisfaction levels. HUM-HCM-4.5
6. Compile strategies to develop and enhance positive resident relations. HUM-HCM-4.6

HUM-HCM-5. Investigate the elements needed to define a marketing plan for an identified property. HUM-HCM-5

1. Recognize the surrounding market: neighborhood trends, demographics, economic statistics, and comparable properties. HUM-HCM-5.1
2. Formulate a Strengths, Weaknesses, Opportunities, Threats (SWOT) analysis of the property. HUM-HCM-5.2
3. Design a marketing program to showcase the strengths and opportunities of subject property, including onsite and off-site strategies. HUM-HCM-5.3
4. Critique a marketing program to ensure recommendations are consistent with available resources and budget. HUM-HCM-5.4

HUM-HCM-6. Differentiate the maintenance requirements and sustainable initiatives affecting the subject property. HUM-HCM-6

1. Compare the four categories of maintenance: curative, deferred, routine, and preventative. HUM-HCM-6.1
2. Identify and explain the terms, functions, and routine maintenance for interior and exterior systems. HUM-HCM-6.2
3. Formulate a preventative maintenance plan for interior and exterior systems. HUM-HCM-6.3
4. Develop a service request policy for managing maintenance requests to include time frames and follow-up procedures. HUM-HCM-6.4
5. Synthesize energy saving methods available for the housing industry. HUM-HCM-6.5
6. Analyze maintenance reports to identify trends in potential component failures or employee performance issues. HUM-HCM-6.6

HUM-HCM-7. Compare the cause and effect of common risks in the housing industry for both onsite management and residents. HUM-HCM-7

1. Define risk management. HUM-HCM-7.1
2. Predict risks to residents as well as management, identifying how to minimize those risks, and explore loss prevention options. HUM-HCM-7.2
3. Critique an emergency response plan for on-site management to follow when communicating to residents. HUM-HCM-7.3

HUM-HCM-8. Investigate the role of human resources in the housing industry. HUM-HCM-8

1. Research employment laws and regulations. HUM-HCM-8.1
2. Investigate industry standards regarding employment practices in the housing industry. HUM-HCM-8.2

3. Construct a recruiting plan for identifying skilled talent in the areas of management, maintenance, and leasing/sales. HUM-HCM-8.3
 4. Formulate processes for onboarding of new associates. HUM-HCM-8.4
 5. Draw conclusions regarding the impact of human resources functions on business performance. HUM-HCM-8.5
 6. Examine training and supervision policies, procedures, and practices. HUM-HCM-8.6
 7. Identify basic payroll procedures and human resources administration. HUM-HCM-8.7
 8. Explore methods of performance review, employee counseling, and termination procedures. HUM-HCM-8.8
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HUM-HCM-9. Explore the legal issues at the local, state, and national levels and the effect on the housing industry. HUM-HCM-9

1. Explore the history of landlord tenant laws. HUM-HCM-9.1
 2. Research current Fair Housing Laws regulations, American with Disabilities Act (ADA) and other pertinent laws and regulations. HUM-HCM-9.2
 3. Identify the local, state, and federal agencies that create and monitor housing laws and regulations and create a summary report that contains all relevant information for consumers. HUM-HCM-9.3
 4. Analyze legal documents as they relate to ramifications of the Americans with Disabilities Act (ADA) and understand the proper response to someone making reasonable accommodation/modification requests. HUM-HCM-9.4
 5. Examine the process for filing a fair housing complaint or other violation of labor relations, occupancy standards or workplace issues. HUM-HCM-9.5
 6. Synthesize a knowledge base and strategies for working with contractors, vendors, and other service providers. HUM-HCM-9.6
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HUM-HCM-10. Identify and construct systems and processes for prudent financial management related to a housing community. HUM-HCM-10

1. Critique basic types of investment tools, the relationship between risk and return, and ways to enhance the value of the asset. HUM-HCM-10.1
2. Analyze the property's financial performance and make recommendations for improvement. HUM-HCM-10.2
3. Design spreadsheets and other management reports that communicate variances in revenues and expenses and project a cash flow analysis. HUM-HCM-10.3
4. Investigate sources of ancillary income and make recommendations for implementation. HUM-HCM-10.4

5. Apply concepts that demonstrate decision making strategies resulting in positive growth in net operating income using financial statements and other management reports. HUM-HCM-10.5

HUM-HCM-11. Analyze the overall management process. HUM-HCM-11

1. Connect, interpret, and illustrate all aspects of the rental process including application, interview, lease, move in, and vacating premises. HUM-HCM-11.1
2. Demonstrate using the four basic elements of a contract and the elements of a lease agreement to create a sound lease. HUM-HCM-11.2
3. Demonstrate how to conduct a leasing interview and analyze the results of the interview to determine qualifying residents. HUM-HCM-11.3
4. Synthesize reports and understand data used to identify key industry metrics regarding economic occupancy, closing ratios, resident turnover, and overall resident satisfaction. HUM-HCM-11.4

Introduction to Personal Care Services (12.544)

HUM-IPCS-1. Demonstrate employability skills required by business and industry. HUM-IPCS-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-IPCS-1.1
2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-IPCS-1.2
3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-IPCS-1.3
4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-IPCS-1.4
5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HUM-IPCS-1.5
6. Present a professional image through appearance, behavior and language. HUM-IPCS-1.6

HUM-IPCS-2. Explore career opportunities and economic trends in the personal care industry, including developing a personal career plan and understanding the importance of entrepreneurship skills. HUM-IPCS-2

1. Compare career options within the personal care services career pathways: Cosmetology, Barbering, Esthetics and Nails. HUM-IPCS-2.1
2. Discuss levels of education, credentialing requirements, and employment trends in personal care services. HUM-IPCS-2.2
3. Analyze personal career goals and develop a career plan. HUM-IPCS-2.3

4. Evaluate and practice methods for building positive team relationships. HUM-IPCS-2.4
 5. Compare attributes and attitudes of an effective leader. HUM-IPCS-2.5
 6. Explore entrepreneurship opportunities in the personal care services industry. HUM-IPCS-2.6
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HUM-IPCS-3. Identify and evaluate state laws, rules and regulations. HUM-IPCS-3

1. Describe the purpose and responsibility of the Georgia State Board of Cosmetology members and how they are appointed. HUM-IPCS-3.1
 2. List types of certificates of registration, specific requirements and the renewal periods of each. HUM-IPCS-3.2
 3. Describe Georgia State Board of Cosmetology requirements for sanitary regulations for salons and schools to include OSHA and CDC. HUM-IPCS-3.3
 4. Comply with regulations of the Hazardous Duty Standards Act Describe applicable regulatory agencies and function of each: i.e. EPA, OSHA, and CDC. HUM-IPCS-3.4
 5. Define MSDS and explain the importance of this law and the repercussions of not abiding by these regulations. HUM-IPCS-3.5
 6. Identify and comply with safety signs, symbols, and labels. HUM-IPCS-3.6
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HUM-IPCS-4. Display a professional appearance and role play appropriate interaction with clients in the personal care services. HUM-IPCS-4

1. Describe hygiene rules and list rules of cleanliness. HUM-IPCS-4.1
 2. Demonstrate good grooming principles. HUM-IPCS-4.2
 3. Utilize ergonomic principles and demonstrate ergonomically correct posture. HUM-IPCS-4.3
 4. Provide appropriate, positive, and friendly customer service skills when interacting with clients in all aspects of the personal care services industry. HUM-IPCS-4.4
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HUM-IPCS-5. Evaluate and apply the regulations of infection control: principles, prevention, procedures and precautions to reduce the risk of the spread of infection to clients and personal care services personnel. HUM-IPCS-5

1. Classify the types and classifications of bacteria, bacterial growth, and reproduction. HUM-IPCS-5.1
2. Define blood borne pathogens, viruses, and parasites. HUM-IPCS-5.2
3. Define decontamination and differentiate the methods of sanitation, disinfection, and sterilization. HUM-IPCS-5.3

4. Identify the proper use of disinfectants and safe handling guidelines when using and disposing of chemicals with the use of personal protective equipment. HUM-IPCS-5.4
5. Identify all safety rules involving the sanitation of equipment used in the personal care profession. HUM-IPCS-5.5
6. Select, mix, and store the correct antiseptic, disinfectant, and other decontamination chemicals to use in relation to the task. HUM-IPCS-5.6
7. Demonstrate the procedures for proper Standard Precautions, blood spill procedure and necessary steps to prevent cross-contamination. HUM-IPCS-5.7

HUM-IPCS-6. Demonstrate proper safety procedures and accident prevention in personal care services. HUM-IPCS-6

1. Apply principles of basic first aid for chemical reactions in emergency situations. HUM-IPCS-6.1
2. Follow correct procedures and react appropriately in an emergency situation including an emergency evacuation. HUM-IPCS-6.2
3. Describe proper maintenance and use of all electrical equipment in order to eliminate accidents and ensure safety of clients and personal care services personnel. HUM-IPCS-6.3
4. Demonstrate how to sanitize and disinfect all implements and mechanical equipment. HUM-IPCS-6.4
5. Perform all sanitation, disinfection, and safety requirements. HUM-IPCS-6.5
6. Identify the risk of injury/illness and safe practices in the personal care service industry. HUM-IPCS-6.6
7. Demonstrate basic skills in first aid using the current American Heart Association or American Red Cross standards or other current acceptable national agencies. HUM-IPCS-6.7
8. Understand the basic concepts of using current American Heart Association, American Red Cross, or other current acceptable national agencies of CPR and AED procedures. HUM-IPCS-6.8

HUM-IPCS-7. Understand basic chemistry fundamentals and applications to the personal care services industry. HUM-IPCS-7

1. Explain the difference between organic and inorganic chemistry. HUM-IPCS-7.1
2. Discuss the different forms of matter—atoms, molecules, elements, compounds, and mixtures. HUM-IPCS-7.2
3. Explain pH and the pH scale. HUM-IPCS-7.3
4. Define solution, suspensions and emulsion. HUM-IPCS-7.4

HUM-IPCS-8. Demonstrate a working knowledge of anatomy as it relates to skills in cosmetology, barbering, esthetics and nail. HUM-IPCS-8

1. Describe the importance of anatomy and physiology to the cosmetology profession. HUM-IPCS-8.1
2. Explain cells, their structure, and their reproduction. HUM-IPCS-8.2
3. Define tissue and name the types of tissues found in the body. HUM-IPCS-8.3
4. Compare and contrast the ten main body systems and their basic functions and how they relate to personal care service pathway career. HUM-IPCS-8.4

HUM-IPCS-9. Explore and demonstrate basic technical skills and the use of technology in cosmetology, barbering, esthetics and nails. HUM-IPCS-9

1. Observe demonstrations of all modalities utilized by a licensed professional in cosmetology, barbering, esthetics, and nails. HUM-IPCS-9.1
2. Identify various tools used in barbering, cosmetology, nails and esthetics. HUM-IPCS-9.2
3. Demonstrate proper shampooing and conditioning procedures. HUM-IPCS-9.3
4. Examine basic barbering techniques and facial hair design using various facial shapes. HUM-IPCS-9.4
5. Analyze and identify basic skin types and their characteristics. HUM-IPCS-9.5
6. Perform a basic facial including a thorough cleansing routine. HUM-IPCS-9.6
7. Prepare a basic manicure table including materials, equipment, and supplies. HUM-IPCS-9.7
8. Perform a basic manicure. HUM-IPCS-9.8
9. Use current technology to document client hair, skin, nail analysis, and service results. HUM-IPCS-9.9
10. Use current technology to make client appointments. HUM-IPCS-9.10

HUM-IPCS-10. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events. HUM-IPCS-10

1. Research the history of SkillsUSA. HUM-IPCS-10.1
2. Discuss the mission, purpose, motto, colors, official dress and other distinguishing characteristics of SkillsUSA. HUM-IPCS-10.2

3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. HUM-IPCS-10.3
 4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills and knowledge of this course. HUM-IPCS-10.4
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Managing Diverse Property Types (20.433)

HUM-MDPT-1. Demonstrate employability skills required by business and industry. HUM-MDPT-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-MDPT-1.1
 2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-MDPT-1.2
 3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-MDPT-1.3
 4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-MDPT-1.4
 5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HUM-MDPT-1.5
 6. Present a professional image through appearance, behavior and language. HUM-MDPT-1.6
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HUM-MDPT-2. Examine how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, and competitive events. HUM-MDPT-2

1. Research the history of FCCLA. HUM-MDPT-2.1
 2. Discuss the mission, purpose, motto, colors, official dress and other distinguishing characteristics of FCCLA. HUM-MDPT-2.2
 3. Explain how participation in FCCLA can promote lifelong responsibility for community service and professional growth and development. HUM-MDPT-2.3
 4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills and knowledge of this course. HUM-MDPT-2.4
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HUM-MDPT-3. Evaluate supply/demand of a market to determine feasibility of individual property types. HUM-MDPT-3

1. Identify characteristics to each market segment. HUM-MDPT-3.1

2. Compare data from various markets to predict absorption levels. HUM-MDPT-3.2
 3. Draw conclusions from economic and social factors that support demand. HUM-MDPT-3.3
 4. Analyze the market to identify market opportunities. HUM-MDPT-3.4
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HUM-MDPT-4. Summarize unique policies and procedures that relate to individual property types. HUM-MDPT-4

1. Distinguish between Fair Housing and Americans with Disabilities Act (ADA) as it relates to design and construction issues associated with each property type. HUM-MDPT-4.1
 2. Investigate the various protections offered by federal and state laws. HUM-MDPT-4.2
 3. Demonstrate understanding of protected classes under the Civil Rights Act of 1968. HUM-MDPT-4.3
 4. Cite evidence of understanding unique ownership requirements and the role of a property manager. HUM-MDPT-4.4
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HUM-MDPT-5. Develop business plans and operating standards that lead to overall value enhancement to a property. HUM-MDPT-5

1. Explore the relationship between pricing structure and market demand and the impact on revenue enhancement. HUM-MDPT-5.1
 2. Connect the relationship between housing assistance programs, tenant screening, and income verification. HUM-MDPT-5.2
 3. Draw conclusions regarding housing needs for people with disabilities, income restrictions, and lifestyle preferences. HUM-MDPT-5.3
 4. Differentiate the levels of senior housing such as independent living developments, congregate care, assisted living, and nursing homes. HUM-MDPT-5.4
 5. Compare and contrast the characteristics of subsidized housing such as Hope IV, Housing Choice Voucher, and Supportive Housing. HUM-MDPT-5.5
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HUM-MDPT-6. Design marketing campaigns aimed at attracting and retaining target audience. HUM-MDPT-6

1. Define the fundamental marketing principles and activities that increase demand for specific property type. HUM-MDPT-6.1
2. Create metrics for evaluating the effects of the advertising campaign and overall marketing plan. HUM-MDPT-6.2
3. Analyze the importance of promotional efforts by management and the value of the personal selling efforts as part of the sales/leasing strategy. HUM-MDPT-6.3

4. Compare and contrast unique property features and amenities that increase or decrease marketability of the asset. HUM-MDPT-6.4
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HUM-MDPT-7. Synthesize sources of lead generation and create a strategy for converting leads to leases. HUM-MDPT-7

1. Analyze the productivity (lease activity) of the leasing agents. HUM-MDPT-7.1
 2. Critique the level of customer service and leasing expertise through mystery shops and property evaluations. HUM-MDPT-7.2
 3. Cite evidence for compensation plan including bonuses and other incentives. HUM-MDPT-7.3
 4. Analyze pricing structure and revenue management systems that increase value enhancement. HUM-MDPT-7.4
 5. Design a comprehensive plan for increasing conversion ratio of leads to leases. HUM-MDPT-7.5
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HUM-MDPT-8. Evaluate comparable properties through market analysis. HUM-MDPT-8

1. Summarize the influence of curb appeal, pricing strategy, and management procedures relating to property type. HUM-MDPT-8.1
 2. Analyze the effects of management procedures on resident turnover. HUM-MDPT-8.2
 3. Draw conclusions between employee tenure and experience of staff on resident satisfaction and renewals. HUM-MDPT-8.3
 4. Investigate the exposure related to vacancy loss and concessions on net operating income. HUM-MDPT-8.4
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HUM-MDPT-9. Review legal and regulatory aspects related to unique property type. HUM-MDPT-9

1. Identify the reporting requirements related to special property types. HUM-MDPT-9.1
2. Critique the conditions necessary for obtaining financial assistance, eligibility, and recertification requirements. HUM-MDPT-9.2
3. Research processes for effectively collecting delinquent rents and preparing account reconciliation reports. HUM-MDPT-9.3
4. Formulate procedures for uniform treatment based on seven Federally Protected Classes under the Fair Housing Act. HUM-MDPT-9.4
5. Apply appropriate recommendations for key control, monitoring common areas, employee screening and protection of funds, equipment, and other assets. HUM-MDPT-9.5
6. Construct communication plan for responding to landlord/tenant issues. HUM-MDPT-9.6

7. Synthesize general requirements and become familiar with HUD's Housing Quality Standards and processes for strengthening resident section criteria. HUM-MDPT-9.7

HUM-MDPT-10. Formulate management strategy that achieves the owner's goals and objectives through the life cycle of the asset. HUM-MDPT-10

1. Define systems and processes that support value enhancement. HUM-MDPT-10.1
2. Analyze the administrative role of personnel and the expertise required to effectively manage specific property type. HUM-MDPT-10.2
3. Research protocols for interfacing with various government agencies and other service providers related to the property. HUM-MDPT-10.3
4. Formulate a plan that ensures consistency in both product quality and satisfaction for the resident. HUM-MDPT-10.4
5. Design an effective response for lease violations, including eviction and other violations of community policies. HUM-MDPT-10.5
6. Create a system for property inspections, audits, and management reporting relating to various ownership entities. HUM-MDPT-10.6
7. Design a talent management platform that increases employee satisfaction, professional development, and retention. HUM-MDPT-10.7

**Nail Care Services II
(12.47)**

HUM-NCSII-1. Demonstrate employability skills required by business and industry. HUM-NCSII-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-NCSII-1.1
2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-NCSII-1.2
3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-NCSII-1.3
4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-NCSII-1.4
5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HUM-NCSII-1.5
6. Present a professional image through appearance, behavior and language. HUM-NCSII-1.6

HUM-NCSII-2. Maintain a safe work environment and prevent accidents by using safety precautions and/or practices including adherence to hazardous

labeling requirements and compliance with safety signs, symbols, and labels. HUM-NCSII-2

1. Analyze the role and the responsibilities of the Nail Technician (student) in the classroom, laboratory, and various workplace settings in an emergency situation. HUM-NCSII-2.1
2. Show preparedness procedures for each emergency situation: fires, electric shock, overloading a circuit, inclement weather, blood spills, and other emergency situations that may occur in the classroom/laboratory or workplace. HUM-NCSII-2.2
3. Re-emphasize all safety procedures when working with chemicals in the lab. HUM-NCSII-2.3
4. Demonstrate all infection control procedures when working in the clinic lab. HUM-NCSII-2.4
5. Establish proper care and safety when working with models/clients. HUM-NCSII-2.5
6. Recognize the various diseases and disorders of the hands, feet and nails. Classify each as contagious or non-contagious, and identify conditions that should be referred to a physician. HUM-NCSII-2.6
7. Prepare a log book. Chart critical information required for proper safeguarding of sanitation and disinfection procedures as mandated through the Georgia State Board of Cosmetology. HUM-NCSII-2.7
8. Maintain compliance for all disinfection and sanitation standards applicable to manicuring and pedicuring as set by the Georgia State Board of Cosmetology. HUM-NCSII-2.8

HUM-NCSII-3. Research the fundamental theory and perform skills required to complete a manicure. HUM-NCSII-3

1. Recognize the various diseases and disorders of the hands, feet and nails. Classify each as contagious or non-contagious, and identify conditions that should be referred to a physician. HUM-NCSII-3.1
2. Identify nail tools and implements used for a manicure. HUM-NCSII-3.2
3. Show the correct use, handling and proper storing of implements and products according to the Georgia State Board of Cosmetology. HUM-NCSII-3.3
4. Demonstrate a basic manicure, French/American manicure, and a conditioning oil manicure employing safety precautions. HUM-NCSII-3.4
5. Describe the types of massage movements used for a hand and arm massage and their purpose. HUM-NCSII-3.5
6. Examine the correct usage and safe handling of the various nail products and tools. HUM-NCSII-3.6

7. Select and organize a manicure table with appropriate products/supplies for a basic manicure. HUM-NCSII-3.7
8. Apply concepts of advanced manicure procedures (French/American, conditioning oil, etc.). HUM-NCSII-3.8
9. Demonstrate how to complete the client data information. HUM-NCSII-3.9

HUM-NCSII-4. Acquire the fundamental theory and skills required to complete a pedicure. HUM-NCSII-4

1. Recognize the anatomy of the feet by demonstrating a foot and leg massage. HUM-NCSII-4.1
2. Identify and explain the equipment, tools and materials used when performing a pedicure. HUM-NCSII-4.2
3. Show the correct use, handling and proper storing of implements according to the Georgia State Board of Cosmetology. HUM-NCSII-4.3
4. Demonstrate the procedures for a basic and a spa pedicure, including the pre-service procedure. HUM-NCSII-4.4
5. Explain why consistent cleaning and disinfection of pedicure baths, whirlpool foot spas and air-jet-basins is important. HUM-NCSII-4.5
6. Identify and demonstrate the steps involved in proper cleaning and disinfecting of whirlpool foot spas and air-jet-basins according to the Georgia State Board of Cosmetology. HUM-NCSII-4.6
7. Establish the proper tool and technique utilized to reduce the instance of an ingrown toenail. HUM-NCSII-4.7
8. Examine the correct use, handling, and proper storing of implements and products according to the Georgia State Board of Cosmetology. HUM-NCSII-4.8
9. Implement safety and sanitation standards to protect the client and technician during all nail services. HUM-NCSII-4.9

HUM-NCSII-5. Assess the fundamental theory and skills required to complete a full set of acrylic nails. HUM-NCSII-5

1. Apply concepts on completing the client data information. HUM-NCSII-5.1
2. Analyze monomer liquid and polymer powder nail enhancement chemistry and how to store all nail care products. HUM-NCSII-5.2
3. Establish proper procedures for applying two-color monomer liquid and polymer powder nail enhancements over a nail using forms, nail tips and on natural nails. HUM-NCSII-5.3
4. Define the types of nail tips available and importance to properly fit them according to the shape of your client's nails. HUM-NCSII-5.4

5. Demonstrate proper clean up procedures according to Georgia State Board of Cosmetology for acrylic nails. HUM-NCSII-5.5
 6. Implement safety and sanitation standards to protect the client and technician during all nail services. HUM-NCSII-5.6
 7. Comply with regulations of the Hazardous Duty Standards Act. Describe applicable regulatory agencies and adhere the function of each, including EPA (Environmental Protection Agency), OSHA (Occupational Safety and Health Administration), and CDC (Center for Disease Control and Prevention). HUM-NCSII-5.7
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HUM-NCSII-6. Analyze the fundamental theory and skills required to complete a full set of UV gel nails. HUM-NCSII-6

1. Define the chemistry and main ingredients of UV (ultraviolet) gels. HUM-NCSII-6.1
 2. Show when to use the one or two color methods for applying UV gels. HUM-NCSII-6.2
 3. Identify the types of UV gels used in current systems and describe each. HUM-NCSII-6.3
 4. Evaluate the supplies and tools needed for UV gel application. HUM-NCSII-6.4
 5. Demonstrate correct usage and how to disinfect the tools used for UV gel application. HUM-NCSII-6.5
 6. Analyze the differences between UV light units and UV lamps. HUM-NCSII-6.6
 7. Describe and demonstrate how to apply one-color UV gel on tips, natural nails, and forms. HUM-NCSII-6.7
 8. Implement safety and sanitation standards to protect the client and technician during all nail services. HUM-NCSII-6.8
 9. Document client data information for UV gel nails. HUM-NCSII-6.9
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HUM-NCSII-7. Demonstrate necessary procedures utilizing salon management. HUM-NCSII-7

1. Demonstrate the filing and use of Material Safety Data Sheets forms. HUM-NCSII-7.1
 2. Identify the importance and components of teamwork in a salon environment. HUM-NCSII-7.2
 3. Investigate the elements of successful salon operations. HUM-NCSII-7.3
 4. Analyze and demonstrate the importance of thorough record keeping in the salon environment. HUM-NCSII-7.4
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HUM-NCSII-8. Explore how related student organizations are integral parts of career and technology education courses through leadership development,

school and community service projects, entrepreneurship development, and competitive events. HUM-NCSII-8

1. Discuss the mission, purpose, motto, colors, official dress and other distinguishing characteristics of SkillsUSA. HUM-NCSII-8.1
 2. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. HUM-NCSII-8.2
 3. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills and knowledge of this course. HUM-NCSII-8.3
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**Nail Care Services III
(12.471)**

HUM-NCSIII-1. Demonstrate employability skills required by business and industry. HUM-NCSIII-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-NCSIII-1.1
 2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-NCSIII-1.2
 3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-NCSIII-1.3
 4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-NCSIII-1.4
 5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HUM-NCSIII-1.5
 6. Present a professional image through appearance, behavior and language. HUM-NCSIII-1.6
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HUM-NCSIII-2. Maintain a safe work environment and prevent accidents by using safety precautions and/or practices including adherence to hazardous labeling requirements and compliance with safety signs, symbols, and labels. HUM-NCSIII-2

1. Analyze the role and the responsibilities of the Nail Technician (student) in the classroom, laboratory and various workplace settings in an emergency situation. HUM-NCSIII-2.1
2. Demonstrate preparedness procedures for each emergency situation: fires, electric shock, overloading a circuit, inclement weather, blood spills, and other emergency situations that may occur in the classroom/laboratory or workplace. HUM-NCSIII-2.2
3. Demonstrate all safety procedures when working with chemicals to protect models/clients. HUM-NCSIII-2.3

4. Apply all infection control procedures when working in the clinic lab. HUM-NCSIII-2.4
 5. Adhere to proper care and safety when working with models/clients. HUM-NCSIII-2.5
 6. Prepare a log book. Chart critical information is required for proper safeguarding of sanitation and disinfection procedures as mandated through the Georgia State Board of Cosmetology. HUM-NCSIII-2.6
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HUM-NCSIII-3. Demonstrate proper client consultations for nail care services, including greeting techniques, client needs and desires, proper maintenance needed for client, reflective listening and recommendations. Perform various nail care techniques. HUM-NCSIII-3

1. Perform proper greeting techniques used during a service. HUM-NCSIII-3.1
 2. Collaborate with the client to establish needs and desires for a nail care service, using reflective listening techniques. HUM-NCSIII-3.2
 3. Discuss proper maintenance procedures for clients and make recommendations as needed for the nail care service. HUM-NCSIII-3.3
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HUM-NCSIII-4. Demonstrate procedures for manicuring and pedicuring. HUM-NCSIII-4

1. Demonstrate the procedures for a basic and a spa pedicure, including the pre-service procedure. HUM-NCSIII-4.1
 2. Demonstrate performing nail art. HUM-NCSIII-4.2
 3. Name the five basic nail shapes for women and the most popular nail shape for men. HUM-NCSIII-4.3
 4. List the steps taken for an exposure incident in the salon. HUM-NCSIII-4.4
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HUM-NCSIII-5. Utilizing proper safety and sanitation standards, demonstrate application of nail tips and wraps. HUM-NCSIII-5

1. Identify and define the supplies needed for a nail tip applications. HUM-NCSIII-5.1
2. Define the types of nail tips available and the importance of properly fitting according to the shape of the client's nail. HUM-NCSIII-5.2
3. Describe and explain the benefits of the types of fabrics used in nail wraps. HUM-NCSIII-5.3
4. Demonstrate the nail tip application procedure using the stop, rock, and hold method while applying a nail tip. HUM-NCSIII-5.4
5. Demonstrate the nail wrap application procedure. HUM-NCSIII-5.5

6. Apply proper clean up procedures for nail tips and wraps. HUM-NCSIII-5.6
 7. Implement safety and sanitation standards to protect the client and technician during all nail services. HUM-NCSIII-5.7
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HUM-NCSIII-6. Access client needs and preference and perform proper procedures for applying acrylic nails. HUM-NCSIII-6

1. Collaborate with the client to establish his/her needs and desires for acrylic nail application, using reflective listening techniques. HUM-NCSIII-6.1
 2. Discuss proper maintenance procedures for clients and make recommendations as needed for the acrylic nails. HUM-NCSIII-6.2
 3. Demonstrate proper procedures for applying two-color monomer liquid and polymer powder nail enhancements over a nail using forms, nail tips and on natural nails. HUM-NCSIII-6.3
 4. Apply proper clean-up procedures for acrylic nails. HUM-NCSIII-6.4
 5. Implement safety and sanitation standards to protect the client and technician during all nail services. HUM-NCSIII-6.5
 6. Comply with regulations of the Hazardous Duty Standards Act Describe applicable regulatory agencies and function of each: i.e. EPA (Environmental Protection Agency), OSHA (Occupational Safety and Health Administration), and CDC (Center for Disease Control). HUM-NCSIII-6.6
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HUM-NCSIII-7. Access client needs and preferences and perform proper procedures for applying UV (ultraviolet) gels. HUM-NCSIII-7

1. Collaborate with the client to establish his/her needs and desires for UV gel nail application, using reflective listening techniques. HUM-NCSIII-7.1
 2. Discuss proper maintenance procedures for clients and make recommendations as needed for the UV gel nail. HUM-NCSIII-7.2
 3. Demonstrate correct usage and how to disinfect the tools used for UV gel application. HUM-NCSIII-7.3
 4. Demonstrate the application of one-color UV gel on tips, natural nails and forms. HUM-NCSIII-7.4
 5. Implement safety and sanitation standards to protect the client and technician during all nail services. HUM-NCSIII-7.5
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HUM-NCSIII-8. Demonstrate how to maintain acrylic overlays, nail tips, UV gel and other nail enhancements using safety and sanitation standards. HUM-NCSIII-8

1. Apply concepts on how to update the client data information. HUM-NCSIII-8.1

2. Demonstrate how to maintain (perform a fill-in) the acrylic overlay. HUM-NCSIII-8.2
 3. Demonstrate the main difference between performing the two-week fabric wrap maintenance and the four-week fabric wrap maintenance. HUM-NCSIII-8.3
 4. Demonstrate proper clean-up procedures for nail tips and wraps. HUM-NCSIII-8.4
 5. Describe and demonstrate how to maintain UV gel nail enhancements. HUM-NCSIII-8.5
 6. Implement safety and sanitation standards to protect the client and technician during all nail services. HUM-NCSIII-8.6
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HUM-NCSIII-9. Perform nail enhancement removal using proper safety and sanitation standards. HUM-NCSIII-9

1. Illustrate the proper procedure for removing acrylic from a natural nail. HUM-NCSIII-9.1
 2. Demonstrate how to remove a nail tip and fabric wraps and what to avoid during the removal. HUM-NCSIII-9.2
 3. Demonstrate how to remove a gel nail with and without a nail tip. HUM-NCSIII-9.3
 4. Implement safety and sanitation standards to protect the client and technician during all nail services. HUM-NCSIII-9.4
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HUM-NCSIII-10. Simulate skills needed to effectively manage salon operations. HUM-NCSIII-10

1. Show how to write a resume with a cover letter and prepare an employment portfolio. HUM-NCSIII-10.1
 2. Identify the habits of a good salon team player. HUM-NCSIII-10.2
 3. Identify the most effective ways to build a client base. HUM-NCSIII-10.3
 4. Investigate the elements of successful salon operations. HUM-NCSIII-10.4
 5. Demonstrate the importance of record keeping on each client. HUM-NCSIII-10.5
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**Salon Management and
State Board Preparation
(12.425)**

HU-SM-1. Demonstrate employability skills required by business and industry. HU-SM-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HU-SM-1.1
2. 1.3 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HU-SM-1.2

4. Workplace Ethics Demonstrating Good Work Ethic Behaving Appropriately Maintaining Honesty Playing Fair Using Ethical Language Showing Responsibility Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. [HU-SM-1.4](#)
 5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills. [HU-SM-1.5](#)
 6. Present a professional image through appearance, behavior, and language. [HU-SM-1.6](#)
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HU-SM-2. Evaluate the requirements needed to obtain employment in the salon industry. [HU-SM-2](#)

1. Investigate the qualifications needed for taking the Georgia State Board of Cosmetology exam. [HU-SM-2.1](#)
 2. Perform a self-assessment of their current employability and technical skills. [HU-SM-2.2](#)
 3. Differentiate between types of salons and other employment opportunities to determine which setting would be best. [HU-SM-2.3](#)
 4. Create a cover letter, resume, and employment portfolio. [HU-SM-2.4](#)
 5. Develop appropriate interview skills including interview preparation. [HU-SM-2.5](#)
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HU-SM-3. Apply skills needed to transition from school to an entry level position in the salon industry. [HU-SM-3](#)

1. Demonstrate expected business behavior and teamwork. [HU-SM-3.1](#)
 2. Analyze money management in the salon setting and how stylist compensation is determined. [HU-SM-3.2](#)
 3. Utilize customer service, upselling, retailing, rebooking, and other marketing techniques to promote the salon. [HU-SM-3.3](#)
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HU-SM-4. Distinguish between the types of salon ownership available. [HU-SM-4](#)

1. Investigate the responsibilities associated with owning a salon. [HU-SM-4.1](#)
2. Compare and contrast business plans, including type of ownership, legal obligations, contracts, hiring needs, and allocation of money. [HU-SM-4.2](#)
3. Plan a salon layout that will ensure maximum efficiency for the client and stylist. [HU-SM-4.3](#)
4. Evaluate employment manuals, including job description and staff and owner responsibilities. [HU-SM-4.4](#)
5. Assess the obligations you are committing to as a possible booth renter. [HU-SM-4.5](#)

HU-SM-5. Connect the theory and technical skills necessary for passing the written and practical portion of the state board examination following ALL Safety and Sanitation Guidelines for EACH technique. [HU-SM-5](#)

1. Analyze all techniques required and determine the equipment, implements, materials, and supplies needed to perform the practical portion of the state board examination. [HU-SM-5.1](#)
2. Design a system for proper labeling and packing of necessary materials and supplies for each section of the practical portion of the examination. [HU-SM-5.2](#)
3. Follow all Safety and Sanitation Guidelines for Work Area and Client Preparation Set Up. [HU-SM-5.3](#)
4. Perform thermal curling utilizing all safety measures. [HU-SM-5.4](#)
5. Perform a basic haircut, including proper sectioning, elevation, and cross checking, utilizing appropriate haircutting implements as required with appropriate haircutting tools, shears and razor. [HU-SM-5.5](#)
6. Perform a permanent wave technique, including application of protective cream, sectioning, wrapping, and application of mock chemical waving lotion; demonstrate a test curl. [HU-SM-5.6](#)
7. Perform Predisposition Test and Strand Test with simulated product. [HU-SM-5.7](#)
8. Perform mock highlighting with foils and apply Virgin Application with colored simulated product. [HU-SM-5.8](#)
9. Perform hair color retouch with colored simulated product. [HU-SM-5.9](#)
10. Apply virgin chemical hair relaxer application with colored simulated product and demonstrate smoothing technique. [HU-SM-5.10](#)
11. Demonstrate blood spill procedure. [HU-SM-5.11](#)
12. Demonstrate basic facial procedure, including massage with application and removal of products. [HU-SM-5.12](#)
13. Create a sculptured nail utilizing proper nail preparation. [HU-SM-5.13](#)
14. Research State Board Examination Updates and Requirements 30 days prior to setting Exam Date. [HU-SM-5.14](#)

HU-SM-6. Identify and execute the steps to be followed for an exposure incident (blood spill). [HU-SM-6](#)

1. Assess possible exposure incidents for each technique. [HU-SM-6.1](#)
2. Analyze blood spill procedure and determine the materials/supplies required to decontaminate. [HU-SM-6.2](#)
3. Construct a blood spill kit. [HU-SM-6.3](#)
4. Perform mock blood spill clean-up following safety and sanitation guidelines required by Georgia State Board of Cosmetology. [HU-SM-6.4](#)

HU-SM-7. Analyze timesheets/project sheets, conduct a self-assessment of current technical skills, and set career goals. HU-SM-7

1. Evaluate state board readiness by calculating timesheets and project sheets. HU-SM-7.1
2. Set short- and long-term career goals and establish a game plan to achieve these goals. HU-SM-7.2
3. Conduct a self-assessment of current technical skills and identify strengths and weaknesses. HU-SM-7.3
4. Create a strategic plan to enhance your technical weaknesses and construct a potential marketing plan for your strengths. HU-SM-7.4

HU-SM-8. Create and critique services needed to meet the 1500-hour requirement for the Georgia State Board of Cosmetology. HU-SM-8

1. Perform 18 haircuts. HU-SM-8.1
2. Perform 4 permanent waves. HU-SM-8.2
3. Perform 2 virgin color applications and 1 retouch application. HU-SM-8.3
4. Perform 3 virgin chemical relaxer applications and 2 retouch applications. HU-SM-8.4
5. Perform 3 temporary color application or semi/demi color application. HU-SM-8.5
6. Perform 2 bleach applications. HU-SM-8.6
7. Perform 2 foiling applications. HU-SM-8.7
8. Perform 16 hairstyles. HU-SM-8.8
9. Perform 5 facials. HU-SM-8.9
10. Perform any additional services that are needed to reach completion. HU-SM-8.10

HU-SM-9. Explore and demonstrate skills used in the cosmetology industry. HU-SM-9

1. Utilize advanced techniques such as hair care and haircutting, long hair styling, nail care and design, and skin care and makeup application, as needed for clientele and competition purposes. HU-SM-9.1
2. Assess current industry trends, standards, and practices that relate to the field of cosmetology. HU-SM-9.2
3. Investigate career options and new techniques in Cosmetology, utilizing industry professionals as guest speakers as well as multimedia publications. HU-SM-9.3

HU-SM-10. Maintain a safe work environment and accident prevention by using safety precautions and/or practices, including adherence to hazardous labeling requirements and compliance with safety signs, symbols, and labels. HU-SM-10

1. Analyze the role and the responsibilities of the personal care provider (student) in the classroom, laboratory, and various workplace settings in an emergency situation. [HU-SM-10.1](#)
2. Demonstrate preparedness procedures for each emergency situation: fires, electric shock, overloading a circuit, inclement weather, blood spills, and other emergency situations that may occur in the classroom/laboratory or workplace. [HU-SM-10.2](#)
3. Adhere to all safety procedures when working with chemicals. [HU-SM-10.3](#)
4. Demonstrate all infection controls procedures when working in the clinic lab. [HU-SM-10.4](#)
5. Follow proper care and safety protocol when working with models/clients. [HU-SM-10.5](#)

HU-SM-11. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school, and community service projects, entrepreneurship development, and competitive events. [HU-SM-11](#)

1. Research the history of SkillsUSA. [HU-SM-11.1](#)
2. Discuss the mission, purpose, motto, colors, official dress, and other distinguishing characteristics of SkillsUSA. [HU-SM-11.2](#)
3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. [HU-SM-11.3](#)
4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills, and knowledge of this course. [HU-SM-11.4](#)

Textile Science (20.447)

HUM-TS-1. Demonstrate employability skills required by business and industry. [HUM-TS-1](#)

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. [HUM-TS-1.1](#)
2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. [HUM-TS-1.2](#)
3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. [HUM-TS-1.3](#)
4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. [HUM-TS-1.4](#)

5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HUM-TS-1.5
 6. Present a professional image through appearance, behavior and language. HUM-TS-1.6
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HUM-TS-2. Examine the various career opportunities within the textile industry. HUM-TS-2

1. Research and evaluate careers where knowledge of textile sciences is required or valuable. HUM-TS-2.1
 2. Analyze the future employment outlook in the textile industry. HUM-TS-2.2
 3. Describe levels of employment and entrepreneurial opportunities in the textile industry and local sources of employment information. HUM-TS-2.3
 4. Determine continuing-education opportunities that enhance career advancement. HUM-TS-2.4
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HUM-TS-3. Develop a general knowledge of textiles from a historical perspective to current applications. HUM-TS-3

1. Examine the construction and use of textiles from antiquity to the industrial revolution. HUM-TS-3.1
 2. Examine the construction and use of textiles from the industrial revolution through the 21st century. HUM-TS-3.2
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HUM-TS-4. Investigate, describe and recognize fiber characteristics and properties. HUM-TS-4

1. Analyze and identify natural and man-made fibers. HUM-TS-4.1
 2. Investigate aesthetic features, mechanical properties, and chemical properties of all fibers. HUM-TS-4.2
 3. Demonstrate fiber identification by burning. HUM-TS-4.3
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HUM-TS-5. Examine and identify the fabrication and properties of yarns. HUM-TS-5

1. Analyze and identify simple and complex yarns. HUM-TS-5.1
 2. Investigate aesthetic features, mechanical properties, and chemical properties of all yarn constructions. HUM-TS-5.2
 3. Identify textured yarns and describe the effect on fabrics. HUM-TS-5.3
 4. Differentiate yarns within fabric structures. HUM-TS-5.4
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HUM-TS-6. Identify textiles according to construction methods. HUM-TS-6

1. Identify woven fabrics and determine use for apparel and/or interiors. HUM-TS-6.1
2. Identify non-woven fabrics and the most appropriate use for apparel and/or interiors. HUM-TS-6.2

3. Identify knitted fabrics and the most appropriate use for apparel and/or interiors. HUM-TS-6.3
 4. Identify the origin of all fabrics, including Animal (Sheep) wool, and Insects (Worms) silks. HUM-TS-6.4
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HUM-TS-7. Demonstrate an understanding of textile finishes and methods. HUM-TS-7

1. Compare and contrast mechanical, chemical, and functional finishes. HUM-TS-7.1
 2. Demonstrate and identify fiber finishes through swatch tests, and the importance, if fabrics are not tested correctly, can create huge problems with the end product. HUM-TS-7.2
 3. Compare and contrast printing and dyeing methods. HUM-TS-7.3
 4. Demonstrate and identify printing and dyeing method. HUM-TS-7.4
 5. Identify the different results you can achieve printing and dyeing natural and synthetic fibers. HUM-TS-7.5
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HUM-TS-8. Analyze the characteristics and maintenance concepts of textile products. HUM-TS-8

1. Research various testing methods for textiles. HUM-TS-8.1
 2. Read and interpret textile labels used for interiors and apparel. HUM-TS-8.2
 3. Discuss current environmental issues relevant to the textile industry. HUM-TS-8.3
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HUM-TS-9. Distinguish the characteristics and identify the appropriate use of textiles for apparel and/or interiors. HUM-TS-9

1. Evaluate common textiles used for interiors. HUM-TS-9.1
 2. Evaluate common textiles used for apparel. HUM-TS-9.2
 3. Evaluate common textiles used for industrial applications. HUM-TS-9.3
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HUM-TS-10. Investigate how trends and color forecasting are used in the development of new products. HUM-TS-10

1. Investigate textile for interiors. HUM-TS-10.1
 2. Investigate textiles for apparel. HUM-TS-10.2
 3. Investigate textiles for industrial applications. HUM-TS-10.3
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HUM-TS-11. Examine the continuing use of technology in advancing textile products using innovative skills and tests. HUM-TS-11

1. Discuss the role textiles play in sports equipment, (e.g., sweat absorbent finishes (wicking), antibacterial finishes). HUM-TS-11.1
2. Identify how textiles are being used in the medical field. HUM-TS-11.2

3. Discuss the careers that rely on wearing textiles, including uniforms to body armor. HUM-TS-11.3

HUM-TS-12. Research legislation on the federal, state and local levels that regulate the textile industry. HUM-TS-12

1. Analyze legislation, regulations, and public policy affecting the textile industry, including labeling laws. HUM-TS-12.1
2. Analyze personal and employer responsibilities and liabilities regarding industry related safety, security, and environmental factors. HUM-TS-12.2
3. Discuss the reason why most companies are manufacturing products overseas, and the affect that has on the United States. HUM-TS-12.3

Cosmetology Practicum I (12.414)

HU-CPI-1. Demonstrate employability skills required by business and industry. HU-CPI-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HU-CPI-1.1
2. 1.3 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HU-CPI-1.2
4. Workplace Ethics Demonstrating Good Work Ethic Behaving Appropriately Maintaining Honesty Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HU-CPI-1.4
5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HU-CPI-1.5
6. Present a professional image through appearance, behavior and language. HU-CPI-1.6

HU-CPI-2. Perform the appropriate number of various hair color applications demonstrating knowledge of formulations, safety of, and chemistry involved with haircoloring and bleaching agents on mannequins/clients, as directed by the instructor. HU-CPI-2

1. Consult with clients to determine their needs and preferences. HU-CPI-2.1
2. Conduct a hair color service in accordance with client's needs and expectations. HU-CPI-2.2
3. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). HU-CPI-2.3
4. Perform predisposition test for possible allergies prior to service and respond appropriately. HU-CPI-2.4
5. Identify the client's natural level, determine classification of color product, and select appropriate application. HU-CPI-2.5

6. Perform 1 application of temporary color or 1 application of semi/demi permanent color. [HU-CPI-2.6](#)
 7. Perform 2 applications of permanent virgin color and 1 application of retouch permanent color. [HU-CPI-2.7](#)
 8. Perform application of bleach products (2 Virgin, 1 Retouch, 2 Foil, and/or 1 Free-hand, or Cap Highlight). [HU-CPI-2.8](#)
 9. Perform 1 lash and brow tint. [HU-CPI-2.9](#)
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HU-CPI-3. Perform the appropriate number of applications of chemical texturing services on mannequins/clients in accordance with the manufacturers' directions demonstrating knowledge of the products used and the chemistry foundation, as directed by the instructor. [HU-CPI-3](#)

1. Consult with clients to determine their needs and preferences. [HU-CPI-3.1](#)
 2. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPI-3.2](#)
 3. Analyze the hair/scalp to identify scalp and hair conditions to determine if the client is eligible to receive service and respond appropriately. [HU-CPI-3.3](#)
 4. Examine and record information obtained from the client consultation, service notes, and final results on the client intake form. [HU-CPI-3.4](#)
 5. Utilize product guidelines by following all manufacturers' directions and safety precautions. [HU-CPI-3.5](#)
 6. Perform 6 permanent waving applications. [HU-CPI-3.6](#)
 7. Perform 5 virgin chemical hair relaxing applications. [HU-CPI-3.7](#)
 8. Perform 5 retouch chemical hair relaxing applications. [HU-CPI-3.8](#)
 9. Perform 1 soft curl permanent application. [HU-CPI-3.9](#)
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HU-CPI-4. Perform 24 hours (16 applications) of hairstyling services on client/mannequin and enhance skills learned in previous courses, as directed by the instructor. [HU-CPI-4](#)

1. Consult with the client to determine needs and preferences. [HU-CPI-4.1](#)
2. Evaluate current hairstyling trends, tools, and products. [HU-CPI-4.2](#)
3. Utilize design elements and principles within a two- or three-dimensional context to control the finished hairstyle. [HU-CPI-4.3](#)
4. Construct a hair design portfolio. [HU-CPI-4.4](#)
5. Generate appropriate hairstyles for different body proportions to create a balanced hair design. [HU-CPI-4.5](#)
6. Perform 10 hairstyle sets and comb-outs (including: updo's, hair wrapping, roller sets, chignons, French twist, hair pressing, braiding and hair extensions). [HU-CPI-4.6](#)

7. Perform 4 blow dry styles and comb-outs to include Marcel Iron. HU-CPI-4.7
8. Perform 1 pincurl style and comb-out. HU-CPI-4.8
9. Perform 1 finger wave style and comb-out. HU-CPI-4.9

HU-CPI-5. Perform appropriate number of haircuts using various haircutting techniques with correct cutting implements on client/mannequin following all safety and decontamination practices during haircutting procedures, as directed by the instructor. HU-CPI-5

1. Consult with clients to determine their needs and preferences considering head/body proportion. HU-CPI-5.1
2. Examine the client's hair and scalp condition. HU-CPI-5.2
3. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). HU-CPI-5.3
4. Identify appropriate haircutting implements demonstrating proper use and maintenance. HU-CPI-5.4
5. Perform proper sectioning technique for each haircutting procedure. HU-CPI-5.5
6. Utilize traveling and stationary guidelines for applicable haircut. HU-CPI-5.6
7. Demonstrate cuts using shears, razor, trimmers, and clippers. HU-CPI-5.7
8. Demonstrate various texture techniques in haircutting. HU-CPI-5.8
9. Perform 16 haircuts using 0, 45, 90, and 180-degree projections. HU-CPI-5.9
10. Perform cross-checking on all haircuts for accuracy. HU-CPI-5.10

HU-CPI-6. Perform the appropriate number of applications on client/mannequin for a corrective/ preservative treatment of the skin, scalp, and hair following safety precautions for all treatments, as directed by the instructor. HU-CPI-6

1. Conduct services in a safe environment and take measures to prevent the spread of infectious material. HU-CPI-6.1
2. Use the most beneficial salon products while providing salon services. HU-CPI-6.2
3. Market recommended professional salon products to benefit client's individual skin, scalp, and hair needs. HU-CPI-6.3
4. Perform client consultations analyzing the skin, scalp, and hair for disorders prior to performing any treatment. HU-CPI-6.4
5. Demonstrate proper safety precautions for all electrical equipment. HU-CPI-6.5
6. Identify products and supplies needed HU-CPI-6.6

7. Demonstrate massage manipulations. [HU-CPI-6.7](#)
8. Demonstrate procedures involved in a corrective scalp treatment for oily and dry scalp. [HU-CPI-6.8](#)
9. Perform 3 scalp treatments. [HU-CPI-6.9](#)
10. Identify products and supplies needed to give facial treatments. [HU-CPI-6.10](#)
11. Demonstrate procedures involved in a corrective hair treatment for dry and oily hair. [HU-CPI-6.11](#)
12. Perform 3 hair treatments. [HU-CPI-6.12](#)
13. Identify products and supplies needed to give facial treatments. [HU-CPI-6.13](#)
14. Perform 3 facials procedures (oily, dry or combination skin). [HU-CPI-6.14](#)
16. Perform 2 lip, chin or face hair removal services (tweezing, waxing, and/or threading). [HU-CPI-6.16](#)
15. Perform 2 Make-up applications. [HU-CPI-6.15](#)
17. Perform 2 brow tweezing. [HU-CPI-6.17](#)
18. Perform 2 brow waxing. [HU-CPI-6.18](#)

HU-CPI-7. Perform the appropriate number of applications for the basic manicure and pedicure to the satisfaction of the client, as directed by the instructor. [HU-CPI-7](#)

1. Assess and consult with the client to determine their needs and preferences. [HU-CPI-7.1](#)
2. Prepare and conduct services in a safe environment and take measures to prevent the spread of infectious and contagious diseases. [HU-CPI-7.2](#)
3. Perform 3 manicures. [HU-CPI-7.3](#)
4. Perform 3 pedicures. [HU-CPI-7.4](#)
5. Perform 2 advanced nail techniques. [HU-CPI-7.5](#)

HU-CPI-8. Perform 8 hours of receptionist duties, as directed by the instructor. [HU-CPI-8](#)

1. Utilizing proper business telephone etiquette. [HU-CPI-8.1](#)
2. Establish a calendar of salon appointments, including pre-booking client's next appointments. [HU-CPI-8.2](#)
3. Assess and maintain client records. [HU-CPI-8.3](#)
4. Maintain positive salon environment. [HU-CPI-8.4](#)
5. Greet and assist clients in a welcoming fashion. [HU-CPI-8.5](#)

HU-CPI-9. Perform 7 hours of dispensary time, as directed by the instructor. [HU-CPI-9](#)

1. Mix, fill, and dispense products to other students. [HU-CPI-9.1](#)
 2. Categorize and maintain record of salon inventory. [HU-CPI-9.2](#)
 3. Notify the instructor of supply shortages and damages incurred. [HU-CPI-9.3](#)
 4. Examine and employ 2 hours of disinfecting tools and properly store all salon equipment and supplies. [HU-CPI-9.4](#)
 5. Arrange and maintain a clean work environment. [HU-CPI-9.5](#)
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HU-CPI-10. Explore and demonstrate skills used in the of cosmetology industry. [HU-CPI-10](#)

1. Utilize advanced techniques such as hair care and haircutting, long hair styling, nail care and design, and skin care and makeup application as needed for clientele and competition purposes. [HU-CPI-10.1](#)
 2. Assess current industry trends, standards and practices that relate to the field of cosmetology. [HU-CPI-10.2](#)
 3. Investigate career options and new techniques in Cosmetology utilizing industry professional as guest speakers as well as multimedia publications. [HU-CPI-10.3](#)
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HU-CPI-11. Maintain a safe work environment and accident prevention by using safety precautions and/or practices including adherence to hazardous labeling requirements and compliance with safety signs, symbols, and labels. [HU-CPI-11](#)

1. Analyze the role and the responsibilities of the personal care provider (student) in the classroom, laboratory, and various workplace settings in an emergency situation. [HU-CPI-11.1](#)
 2. Demonstrate preparedness procedures for each emergency situation—fires, electric shock, overloading a circuit, inclement weather, blood spills, and other emergency situations that may occur in the classroom/laboratory or workplace. [HU-CPI-11.2](#)
 3. Adhere to all safety procedures when working with chemicals. [HU-CPI-11.3](#)
 4. Demonstrate all infection controls procedures when working in the clinic lab. [HU-CPI-11.4](#)
 5. Implement and apply proper care and safety protocol when working with models/clients. [HU-CPI-11.5](#)
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HU-CPI-12. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events. [HU-CPI-12](#)

1. Research the history of SkillsUSA. [HU-CPI-12.1](#)

2. Discuss the mission, purpose, motto, colors, official dress, and other distinguishing characteristics of SkillsUSA. [HU-CPI-12.2](#)
 3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. [HU-CPI-12.3](#)
 4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills, and knowledge of this course. [HU-CPI-12.4](#)
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Cosmetology Practicum II (12.415)

HU-CPII-1. Demonstrate employability skills required by business and industry. [HU-CPII-1](#)

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. [HU-CPII-1.1](#)
 2. 1.3 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. [HU-CPII-1.2](#)
 4. Workplace Ethics Demonstrating Good Work Ethic Behaving Appropriately Maintaining Honesty Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. [HU-CPII-1.4](#)
 5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills. [HU-CPII-1.5](#)
 6. Present a professional image through appearance, behavior, and language. [HU-CPII-1.6](#)
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HU-CPII-2. Perform the appropriate number of various hair color applications demonstrating knowledge of formulations, safety of, and chemistry involved with haircoloring and bleaching agents on mannequins/clients, as directed by the instructor. [HU-CPII-2](#)

1. Consult with clients to determine their needs and preferences. [HU-CPII-2.1](#)
2. Conduct a hair color service in accordance with client's needs and expectations. [HU-CPII-2.2](#)
3. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPII-2.3](#)
4. Perform predisposition test for possible allergies prior to service and respond appropriately. [HU-CPII-2.4](#)
5. Identify the client's natural level, determine classification of color product, and select appropriate application. [HU-CPII-2.5](#)
6. Perform 1 application of temporary color or 1 application of semi/demi permanent color. [HU-CPII-2.6](#)

7. Perform 2 applications of permanent virgin color and 1 application of retouch permanent color. [HU-CPII-2.7](#)
8. Perform application of bleach products (2 Virgin, 1 Retouch, 2 Foil, and 1 Free-hand, and/or Cap Highlight). [HU-CPII-2.8](#)
9. Perform 1 lash and brow tint. [HU-CPII-2.9](#)

HU-CPII-3. Perform the appropriate number of applications of chemical texturing services on mannequins/clients in accordance with the manufacturers' directions demonstrating knowledge of the products used and the chemistry foundation, as directed by the instructor. [HU-CPII-3](#)

1. Consult with clients to determine their needs and preferences. [HU-CPII-3.1](#)
2. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPII-3.2](#)
3. Analyze the hair/scalp to identify scalp and hair conditions to determine if the client is eligible to receive service and respond appropriately. [HU-CPII-3.3](#)
4. Examine and record information obtained from the client consultation, service notes, and final results on the client intake form. [HU-CPII-3.4](#)
5. Utilize product guidelines by following all manufacturers' directions and safety precautions. [HU-CPII-3.5](#)
6. Perform 6 permanent waving applications. [HU-CPII-3.6](#)
7. Perform 5 virgin chemical hair relaxing applications. [HU-CPII-3.7](#)
8. Perform 5 retouch chemical hair relaxing applications. [HU-CPII-3.8](#)
9. Perform 1 soft curl permanent application. [HU-CPII-3.9](#)

HU-CPII-4. Perform 24 hours (16 applications) of hairstyling services on client/mannequin and enhance skills learned in previous courses, as directed by the instructor. [HU-CPII-4](#)

1. Consult with the client to determine needs and preferences. [HU-CPII-4.1](#)
2. Evaluate current hairstyling trends, tools, and products. [HU-CPII-4.2](#)
3. Utilize design elements and principles within a two- or three-dimensional context to control the finished hairstyle. [HU-CPII-4.3](#)
4. Construct a hair design portfolio. [HU-CPII-4.4](#)
5. Generate appropriate hairstyles for different body proportions to create a balanced hair design. [HU-CPII-4.5](#)
6. Perform 10 hairstyle sets and comb-outs (including: updo's, hair wrapping, roller sets, chignons, French twist, hair pressing, braiding and hair extensions). [HU-CPII-4.6](#)
7. Perform 4 blow dry styles and comb-outs to include Marcel Iron. [HU-CPII-4.7](#)

8. Perform 1 pincurl style and comb-out. [HU-CPII-4.8](#)
9. Perform 1 finger wave style and comb-out. [HU-CPII-4.9](#)

HU-CPII-5. Perform appropriate number of haircuts using various haircutting techniques with correct cutting implements on client/mannequin following all safety and decontamination practices during haircutting procedures, as directed by the instructor. [HU-CPII-5](#)

1. Consult with clients to determine their needs and preferences considering head/body proportion. [HU-CPII-5.1](#)
2. Examine the client's hair and scalp condition. [HU-CPII-5.2](#)
3. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPII-5.3](#)
4. Identify appropriate haircutting implements demonstrating proper use and maintenance. [HU-CPII-5.4](#)
5. Perform proper sectioning technique for each haircutting procedure. [HU-CPII-5.5](#)
6. Utilize traveling and stationary guidelines for applicable haircut. [HU-CPII-5.6](#)
7. Demonstrate cuts using shears, razor, trimmers, and clippers. [HU-CPII-5.7](#)
8. Demonstrate various texture techniques in haircutting. [HU-CPII-5.8](#)
9. Perform 16 haircuts using 0, 45, 90 and 180-degree projections. [HU-CPII-5.9](#)
10. Perform cross-checking on all haircuts for accuracy. [HU-CPII-5.10](#)

HU-CPII-6. Perform the appropriate number of applications on client/mannequin for a corrective/preservative treatment of the skin, scalp, and hair following safety precautions for all treatments, as directed by the instructor. [HU-CPII-6](#)

1. Conduct services in a safe environment and take measures to prevent the spread of infectious material. [HU-CPII-6.1](#)
2. Use the most beneficial salon products while providing salon services. [HU-CPII-6.2](#)
3. Market recommended professional salon products to benefit client's individual skin, scalp, and hair needs. [HU-CPII-6.3](#)
4. Perform client consultations analyzing the skin, scalp, and hair for disorders prior to performing any treatment. [HU-CPII-6.4](#)
5. Demonstrate proper safety precautions for all electrical equipment. [HU-CPII-6.5](#)
6. Identify products and supplies needed to give scalp treatments. [HU-CPII-6.6](#)

7. Demonstrate massage manipulations. HU-CPII-6.7
8. Demonstrate procedures involved in a corrective scalp treatment for oily and dry scalp. HU-CPII-6.8
9. Perform 3 scalp treatments. HU-CPII-6.9
10. Identify products and supplies needed to give hair treatments. HU-CPII-6.10
11. Demonstrate procedures involved in a corrective hair treatment for dry and oily hair. HU-CPII-6.11
12. Perform 3 hair treatments. HU-CPII-6.12
13. Identify products and supplies needed to give facial treatments. HU-CPII-6.13
14. Perform 3 facials procedures (oily, dry or combination skin). HU-CPII-6.14
15. Perform 2 Make-up applications. HU-CPII-6.15
16. Perform 2 lip, chin, or face hair removal services (tweezing, waxing, and/or threading). HU-CPII-HU-CPII-6.16
17. Perform 2 brow tweezing. HU-CPII-HU-CPII-6.17
18. Perform 2 brow waxing. HU-CPII-HU-CPII-6.18

HU-CPII-7. Perform the appropriate number of applications for the basic manicure and pedicure to the satisfaction of the client, as directed by the instructor. HU-CPII-7

1. Assess and consult with the client to determine their needs and preferences. HU-CPII-HU-CPII-7.1
2. Prepare and conduct services in a safe environment and take measures to prevent the spread of infectious and contagious diseases. HU-CPII-HU-CPII-7.2
3. Perform 3 manicures. HU-CPII-HU-CPII-7.3
4. Perform 3 pedicures. HU-CPII-HU-CPII-7.4
5. Perform 2 advanced nail techniques. HU-CPII-HU-CPII-7.5

HU-CPII-8. Perform 8 hours of receptionist duties, as directed by the instructor. HU-CPII-8

1. Utilizing proper business telephone etiquette. HU-CPII-HU-CPII-8.1
2. Establish a calendar of salon appointments, including pre-booking client's next appointments. HU-CPII-HU-CPII-8.2
3. Assess and maintain client records. HU-CPII-HU-CPII-8.3
4. Maintain positive salon environment. HU-CPII-HU-CPII-8.4
5. Greet and assist clients in a welcoming fashion. HU-CPII-HU-CPII-8.5

HU-CPII-9. Perform 7 hours of dispensary time, as directed by the instructor. HU-CPII-9

1. Mix, fill, and dispense products to other students. HU-CPII-HU-CPII-9.1
2. Categorize and maintain record of salon inventory. HU-CPII-HU-CPII-9.2
3. Notify the instructor of supply shortages and damages incurred. HU-CPII-HU-CPII-9.3
4. Examine and employ 2 hours of disinfecting tools and properly store all salon equipment and supplies. HU-CPII-HU-CPII-9.4
5. Arrange and maintain a clean work environment. HU-CPII-HU-CPII-9.5

HU-CPII-10. Explore and demonstrate skills used in the of cosmetology industry. HU-CPII-10

1. Utilize advanced techniques such as hair care and haircutting, long hair styling, nail care and design, and skin care and makeup application as needed for clientele and competition purposes. HU-CPII-HU-CPII-10.1
2. Assess current industry trends, standards and practices that relate to the field of cosmetology. HU-CPII-HU-CPII-10.2
3. Investigate career options and new techniques in Cosmetology utilizing industry professional as guest speakers as well as multimedia publications. HU-CPII-HU-CPII-10.3

HU-CPII-11. Maintain a safe work environment and accident prevention by using safety precautions and/or practices including adherence to hazardous labeling requirements and compliance with safety signs, symbols, and labels. HU-CPII-11

1. Analyze the role and the responsibilities of the personal care provider (student) in the classroom, laboratory, and various workplace settings in an emergency situation. HU-CPII-HU-CPII-11.1
2. Demonstrate preparedness procedures for each emergency situation—fires, electric shock, overloading a circuit, inclement weather, blood spills, and other emergency situations that may occur in the classroom/laboratory or workplace. HU-CPII-HU-CPII-11.2
3. Adhere to all safety procedures when working with chemicals. HU-CPII-HU-CPII-11.3
4. Demonstrate all infection controls procedures when working in the clinic lab. HU-CPII-HU-CPII-11.4
5. Implement and apply proper care and safety protocol when working with models/clients. HU-CPII-HU-CPII-11.5

HU-CPII-12. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events. HU-CPII-12

1. Research the history of SkillsUSA. [HU-CPII-HU-CPII-12.1](#)
2. Discuss the mission, purpose, motto, colors, official dress, and other distinguishing characteristics of SkillsUSA. [HU-CPII-HU-CPII-12.2](#)
3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. [HU-CPII-HU-CPII-12.3](#)
4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills, and knowledge of this course. [HU-CPII-HU-CPII-12.4](#)

Cosmetology Practicum III (12.416)

HU-CPIII-1. Demonstrate employability skills required by business and industry. [HU-CPIII-1](#)

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. [HU-CPIII-1.1](#)
2. 1.3 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. [HU-CPIII-1.2](#)
4. Workplace Ethics Demonstrating Good Work Ethic Behaving Appropriately Maintaining Honesty Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. [HU-CPIII-1.4](#)
5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills. [HU-CPIII-1.5](#)
6. Present a professional image through appearance, behavior, and language. [HU-CPIII-1.6](#)

HU-CPIII-2. Perform the appropriate number of various hair color applications demonstrating knowledge of formulations, safety of, and chemistry involved with haircoloring and bleaching agents on mannequins/clients, as directed by the instructor. [HU-CPIII-2](#)

1. Consult with clients to determine their needs and preferences. [HU-CPIII-2.1](#)
2. Conduct a hair color service in accordance with client's needs and expectations. [HU-CPIII-2.2](#)
3. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPIII-2.3](#)
4. Perform predisposition test for possible allergies prior to service and respond appropriately. [HU-CPIII-2.4](#)
5. Identify the client's natural level, determine classification of color product, and select appropriate application. [HU-CPIII-2.5](#)

6. Perform 1 application of temporary color or 1 application of semi/demi permanent color. [HU-CPIII-2.6](#)
 7. Perform 2 applications of permanent virgin color and 1 application of retouch permanent color. [HU-CPIII-2.7](#)
 8. Perform application of bleach products (2 Virgin, 1 Retouch, 2 Foil, and/or 1 Free-hand, or Cap Highlight). [HU-CPIII-2.8](#)
 9. Perform 1 lash and brow tint. [HU-CPIII-2.9](#)
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HU-CPIII-3. Perform the appropriate number of applications of chemical texturing services on mannequins/ clients in accordance with the manufacturers' directions demonstrating knowledge of the products used and the chemistry foundation, as directed by the instructor. [HU-CPIII-3](#)

1. Consult with clients to determine their needs and preferences. [HU-CPIII-3.1](#)
 2. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPIII-3.2](#)
 3. Analyze the hair/scalp to identify scalp and hair conditions to determine if the client is eligible to receive service and respond appropriately. [HU-CPIII-3.3](#)
 4. Examine and record information obtained from the client consultation, service notes, and final results on the client intake form. [HU-CPIII-3.4](#)
 5. Utilize product guidelines by following all manufacturers' directions and safety precautions. [HU-CPIII-3.5](#)
 6. Perform 6 permanent waving applications. [HU-CPIII-3.6](#)
 7. Perform 5 virgin chemical hair relaxing applications. [HU-CPIII-3.7](#)
 8. Perform 5 retouch chemical hair relaxing applications. [HU-CPIII-3.8](#)
 9. Perform 1 soft curl permanent application. [HU-CPIII-3.9](#)
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HU-CPIII-4. Perform 24 hours (16 applications) of hairstyling services on client/mannequin and enhance skills learned in previous courses, as directed by the instructor. [HU-CPIII-4](#)

1. Consult with the client to determine needs and preferences. [HU-CPIII-4.1](#)
2. Evaluate current hairstyling trends, tools, and products. [HU-CPIII-4.2](#)
3. Utilize design elements and principles within a two- or three-dimensional context to control the finished hairstyle. [HU-CPIII-4.3](#)
4. Construct a hair design portfolio. [HU-CPIII-4.4](#)
5. Generate appropriate hairstyles for different body proportions to create a balanced hair design. [HU-CPIII-4.5](#)

6. Perform 10 hairstyle sets and comb-outs (including: updo's, hair wrapping, roller sets, chignons, French twist, hair pressing, braiding and hair extensions). [HU-CPIII-4.6](#)
 7. Perform 4 blow dry styles and comb-outs to include Marcel Iron. [HU-CPIII-4.7](#)
 8. Perform 1 pincurl style and comb-out. [HU-CPIII-4.8](#)
 9. Perform 1 finger wave style and comb-out. [HU-CPIII-4.9](#)
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HU-CPIII-5. Perform appropriate number of haircuts using various haircutting techniques with correct cutting implements on client/mannequin following all safety and decontamination practices during haircutting procedures, as directed by the instructor. [HU-CPIII-5](#)

1. Consult with clients to determine their needs and preferences considering head/body proportion. [HU-CPIII-5.1](#)
 2. Examine the client's hair and scalp condition. [HU-CPIII-5.2](#)
 3. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPIII-5.3](#)
 4. Identify appropriate haircutting implements demonstrating proper use and maintenance. [HU-CPIII-5.4](#)
 5. Perform proper sectioning technique for each haircutting procedure. [HU-CPIII-5.5](#)
 6. Utilize traveling and stationary guidelines for applicable haircut. [HU-CPIII-5.6](#)
 7. Demonstrate cuts using shears, razor, trimmers, and clippers. [HU-CPIII-5.7](#)
 8. Demonstrate various texture techniques in haircutting. [HU-CPIII-5.8](#)
 9. Perform 16 haircuts using 0, 45, 90 and 180-degree projections. [HU-CPIII-5.9](#)
 10. Perform cross-checking on all haircuts for accuracy. [HU-CPIII-5.10](#)
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HU-CPIII-6. Perform the appropriate number of applications on client/mannequin for a corrective/preservative treatment of the skin, scalp, and hair following safety precautions for all treatments, as directed by the instructor. [HU-CPIII-6](#)

1. Conduct services in a safe environment and take measures to prevent the spread of infectious material. [HU-CPIII-6.1](#)
2. Use the most beneficial salon products while providing salon services. [HU-CPIII-6.2](#)
3. Market recommended professional salon products to benefit client's individual skin, scalp, and hair needs. [HU-CPIII-6.3](#)

4. Perform client consultations analyzing the skin, scalp, and hair for disorders prior to performing any treatment. [HU-CPIII-6.4](#)
5. Demonstrate proper safety precautions for all electrical equipment. [HU-CPIII-6.5](#)
6. Identify products and supplies needed [HU-CPIII-6.6](#)
7. Demonstrate massage manipulations. [HU-CPIII-6.6.7](#)
8. Demonstrate procedures involved in a corrective scalp treatment for oily and dry scalp. [HU-CPIII-6.8](#)
9. Perform 3 scalp treatments. [HU-CPIII-6.6.9](#)
10. Identify products and supplies needed to give hair treatments. [HU-CPIII-6.10](#)
11. Demonstrate procedures involved in a corrective hair treatment for dry and oily hair. [HU-CPIII-6.11](#)
12. Perform 3 hair treatments. [HU-CPIII-6.12](#)
13. Identify products and supplies needed to give facial treatments. [HU-CPIII-6.13](#)
14. Perform 3 facials procedures (oily, dry or combination skin). [HU-CPIII-6.14](#)
15. Perform 2 Make-up applications. [HU-CPIII-6.15](#)
16. Perform 2 lip, chin or face hair removal services (tweezing, waxing, and/or threading). [HU-CPIII-6.16](#)
17. Perform 2 brow tweezing. [HU-CPIII-6.17](#)
18. Perform 2 brow waxing. [HU-CPIII-6.18](#)

HU-CPIII-7. Perform the appropriate number of applications for the basic manicure and pedicure to the satisfaction of the client, as directed by the instructor. [HU-CPIII-7](#)

1. Assess and consult with the client to determine their needs and preferences. [HU-CPIII-7.1](#)
2. Prepare and conduct services in a safe environment and take measures to prevent the spread of infectious and contagious diseases. [HU-CPIII-7.2](#)
3. Perform 3 manicures. [HU-CPIII-7.3](#)
4. Perform 3 pedicures. [HU-CPIII-7.4](#)
5. Perform 2 advanced nail techniques. [HU-CPIII-7.5](#)

HU-CPIII-8. Perform 8 hours of receptionist duties, as directed by the instructor. [HU-CPIII-8](#)

1. Utilizing proper business telephone etiquette. [HU-CPIII-8.1](#)

2. Establish a calendar of salon appointments, including pre-booking client's next appointments. [HU-CPIII-8.2](#)
 3. Assess and maintain client records. [HU-CPIII-8.3](#)
 4. Maintain positive salon environment. [HU-CPIII-8.4](#)
 5. Greet and assist clients in a welcoming fashion. [HU-CPIII-8.5](#)
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HU-CPIII-9. Perform 7 hours of dispensary time, as directed by the instructor. [HU-CPIII-9](#)

1. Mix, fill, and dispense products to other students. [HU-CPIII-9.1](#)
 2. Categorize and maintain record of salon inventory. [HU-CPIII-9.2](#)
 3. Notify the instructor of supply shortages and damages incurred. [HU-CPIII-9.3](#)
 4. Examine and employ 2 hours of disinfecting tools and properly store all salon equipment and supplies. [HU-CPIII-9.4](#)
 5. Arrange and maintain a clean work environment. [HU-CPIII-9.5](#)
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HU-CPIII-10. Explore and demonstrate skills used in the of cosmetology industry. [HU-CPIII-10](#)

1. Utilize advanced techniques such as hair care and haircutting, long hair styling, nail care and design, and skin care and makeup application as needed for clientele and competition purposes. [HU-CPIII-10.1](#)
 2. Assess current industry trends, standards and practices that relate to the field of cosmetology. [HU-CPIII-10.2](#)
 3. Investigate career options and new techniques in Cosmetology utilizing industry professional as guest speakers as well as multimedia publications. [HU-CPIII-10.3](#)
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HU-CPIII-11. Maintain a safe work environment and accident prevention by using safety precautions and/or practices including adherence to hazardous labeling requirements and compliance with safety signs, symbols, and labels. [HU-CPIII-11](#)

1. Analyze the role and the responsibilities of the personal care provider (student) in the classroom, laboratory, and various workplace settings in an emergency situation. [HU-CPIII-11.1](#)
2. Demonstrate preparedness procedures for each emergency situation—fires, electric shock, overloading a circuit, inclement weather, blood spills, and other emergency situations that may occur in the classroom/laboratory or workplace. [HU-CPIII-11.2](#)
3. Adhere to all safety procedures when working with chemicals. [HU-CPIII-11.3](#)
4. Demonstrate all infection controls procedures when working in the clinic lab. [HU-CPIII-11.4](#)

5. Implement and apply proper care and safety protocol when working with models/clients. [HU-CPIII-11.5](#)
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HU-CPIII-12. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events. [HU-CPIII-12](#)

1. Research the history of SkillsUSA. [HU-CPIII-12.1](#)
 2. Discuss the mission, purpose, motto, colors, official dress, and other distinguishing characteristics of SkillsUSA. [HU-CPIII-12.2](#)
 3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. [HU-CPIII-12.3](#)
 4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills, and knowledge of this course. [HU-CPIII-12.4](#)
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**Cosmetology Practicum
IV (12.422)**

HU-CPIV-1. Demonstrate employability skills required by business and industry. [HU-CPIV-1](#)

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. [HU-CPIV-1.1](#)
 2. 1.3 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. [HU-CPIV-1.2](#)
 4. Workplace Ethics Demonstrating Good Work Ethic Behaving Appropriately Maintaining Honesty Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. [HU-CPIV-1.4](#)
 5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills. [HU-CPIV-1.5](#)
 6. Present a professional image through appearance, behavior, and language. [HU-CPIV-1.6](#)
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HU-CPIV-2. Perform the appropriate number of various hair color applications demonstrating knowledge of formulations, safety of, and chemistry involved with haircoloring and bleaching agents on mannequins/clients, as directed by the instructor. [HU-CPIV-2](#)

1. Consult with clients to determine their needs and preferences. [HU-CPIV-2.1](#)
2. Conduct a hair color service in accordance with client's needs and expectations. [HU-CPIV-2.2](#)

3. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPIV-2.3](#)
 4. Perform predisposition test for possible allergies prior to service and respond appropriately. [HU-CPIV-2.4](#)
 5. Identify the client's natural level, determine classification of color product, and select appropriate application. [HU-CPIV-2.5](#)
 6. Perform 1 application of temporary color or 1 application of semi/demi permanent color. [HU-CPIV-2.6](#)
 7. Perform 2 applications of permanent virgin color and 1 application of retouch permanent color. [HU-CPIV-2.7](#)
 8. Perform application of bleach products (2 Virgin, 1 Retouch, 2 Foil, and/or 1 Free-hand, or Cap Highlight). [HU-CPIV-2.8](#)
 9. Perform 1 lash and brow tint. [HU-CPIV-2.9](#)
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HU-CPIV-3. Perform the appropriate number of applications of chemical texturing services on mannequins/ clients in accordance with the manufacturers' directions demonstrating knowledge of the products used and the chemistry foundation, as directed by the instructor. [HU-CPIV-3](#)

1. Consult with clients to determine their needs and preferences. [HU-CPIV-3.1](#)
 2. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPIV-3.2](#)
 3. Analyze the hair/scalp to identify scalp and hair conditions to determine if the client is eligible to receive service and respond appropriately. [HU-CPIV-3.3](#)
 4. Examine and record information obtained from the client consultation, service notes, and final results on the client intake form. [HU-CPIV-3.4](#)
 5. Utilize product guidelines by following all manufacturers' directions and safety precautions. [HU-CPIV-3.5](#)
 6. Perform 6 permanent waving applications. [HU-CPIV-3.6](#)
 7. Perform 5 virgin chemical hair relaxing applications. [HU-CPIV-3.7](#)
 8. Perform 5 retouch chemical hair relaxing applications. [HU-CPIV-3.8](#)
 9. Perform 1 soft curl permanent application. [HU-CPIV-3.9](#)
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HU-CPIV-4. Perform 24 hours (16 applications) of hairstyling services on client/mannequin and enhance skills learned in previous courses, as directed by the instructor. [HU-CPIV-4](#)

1. Consult with the client to determine needs and preferences. [HU-CPIV-4.1](#)
2. Evaluate current hairstyling trends, tools, and products. [HU-CPIV-4.2](#)

3. Utilize design elements and principles within a two- or three-dimensional context to control the finished hairstyle. [HU-CPIV-4.3](#)
 4. Construct a hair design portfolio. [HU-CPIV-4.4](#)
 5. Generate appropriate hairstyles for different body proportions to create a balanced hair design. [HU-CPIV-4.5](#)
 6. Perform 10 hairstyle sets and comb-outs (including: updo's, hair wrapping, roller sets, chignons, French twist, hair pressing, braiding and hair extensions). [HU-CPIV-4.6](#)
 7. Perform 4 blow dry styles and comb-outs to include Marcel Iron. [HU-CPIV-4.7](#)
 8. Perform 1 pincurl style and comb-out. [HU-CPIV-4.8](#)
 9. Perform 1 finger wave style and comb-out. [HU-CPIV-4.9](#)
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HU-CPIV-5. Perform appropriate number of haircuts using various haircutting techniques with correct cutting implements on client/mannequin following all safety and decontamination practices during haircutting procedures, as directed by the instructor. [HU-CPIV-5](#)

1. Consult with clients to determine their needs and preferences considering head/body proportion. [HU-CPIV-5.1](#)
 2. Examine the client's hair and scalp condition. [HU-CPIV-5.2](#)
 3. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPIV-5.3](#)
 4. Identify appropriate haircutting implements demonstrating proper use and maintenance. [HU-CPIV-5.4](#)
 5. Perform proper sectioning technique for each haircutting procedure. [HU-CPIV-5.5](#)
 6. Utilize traveling and stationary guidelines for applicable haircut. [HU-CPIV-5.6](#)
 7. Demonstrate cuts using shears, razor, trimmers, and clippers. [HU-CPIV-5.7](#)
 8. Demonstrate various texture techniques in haircutting. [HU-CPIV-5.8](#)
 9. Perform 16 haircuts using 0, 45, 90 and 180-degree projections. [HU-CPIV-5.9](#)
 10. Perform cross-checking on all haircuts for accuracy. [HU-CPIV-5.10](#)
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HU-CPIV-6. Perform the appropriate number of applications on client/mannequin for a corrective/ preservative treatment of the skin, scalp, and hair following safety precautions for all treatments, as directed by the instructor. [HU-CPIV-6](#)

1. Conduct services in a safe environment and take measures to prevent the spread of infectious material. [HU-CPIV-6.1](#)

2. Use the most beneficial salon products while providing salon services. [HU-CPIV-6.2](#)
3. Market recommended professional salon products to benefit client's individual skin, scalp, and hair needs. [HU-CPIV-6.3](#)
4. Perform client consultations analyzing the skin, scalp, and hair for disorders prior to performing any treatment. [HU-CPIV-6.4](#)
5. Demonstrate proper safety precautions for all electrical equipment. [HU-CPIV-6.5](#)
6. Identify products and supplies needed to give scalp treatments. [HU-CPIV-6.6](#)
7. Demonstrate massage manipulations. [HU-CPIV-6.7](#)
8. Demonstrate procedures involved in a corrective scalp treatment for oily and dry scalp. [HU-CPIV-6.8](#)
9. Perform 3 scalp treatments. [HU-CPIV-6.9](#)
10. Identify products and supplies needed to give hair treatments. [HU-CPIV-6.10](#)
11. Demonstrate procedures involved in a corrective hair treatment for dry and oily hair. [HU-CPIV-6.11](#)
12. Perform 3 hair treatments. [HU-CPIV-6.12](#)
13. Identify products and supplies needed to give facial treatments. [HU-CPIV-6.13](#)
14. Perform 3 facials procedures (oily, dry or combination skin). [HU-CPIV-6.14](#)
15. Perform 2 Make-up applications. [HU-CPIV-6.15](#)
16. Perform 2 lip, chin, or face hair removal services (tweezing, waxing, and/or threading). [HU-CPIV-6.16](#)
17. Perform 2 brow tweezing. [HU-CPIV-6.17](#)
18. Perform 2 brow waxing. [HU-CPIV-6.18](#)

HU-CPIV-7. Perform the appropriate number of applications for the basic manicure and pedicure to the satisfaction of the client, as directed by the instructor. [HU-CPIV-7](#)

1. Assess and consult with the client to determine their needs and preferences. [HU-CPIV-7.1](#)
2. Prepare and conduct services in a safe environment and take measures to prevent the spread of infectious and contagious diseases. [HU-CPIV-7.2](#)
3. Perform 3 manicures. [HU-CPIV-7.3](#)
4. Perform 3 pedicures. [HU-CPIV-7.4](#)
5. Perform 2 advanced nail techniques. [HU-CPIV-7.5](#)

HU-CPIV-8. Perform 8 hours of receptionist duties, as directed by the instructor. HU-CPIV-8

1. Utilizing proper business telephone etiquette. HU-CPIV-8.1
2. Establish a calendar of salon appointments, including pre-booking client's next appointment. HU-CPIV-8.2
3. Assess and maintain client records. HU-CPIV-8.3
4. Maintain positive salon environment. HU-CPIV-8.4
5. Greet and assist clients in a welcoming fashion. HU-CPIV-8.5

HU-CPIV-9. Perform 7 hours of dispensary time, as directed by the instructor. HU-CPIV-9

1. Mix, fill, and dispense products to other students. HU-CPIV-9.1
2. Categorize and maintain record of salon inventory. HU-CPIV-9.2
3. Notify the instructor of supply shortages and damages incurred. HU-CPIV-9.3
4. Examine and employ 2 hours of disinfecting tools and properly store all salon equipment and supplies. HU-CPIV-9.4
5. Arrange and maintain a clean work environment. HU-CPIV-9.5

HU-CPIV-10. Explore and demonstrate skills used in the of cosmetology industry. HU-CPIV-10

1. Utilize advanced techniques such as hair care and haircutting, long hair styling, nail care and design, and skin care and makeup application as needed for clientele and competition purposes. HU-CPIV-10.1
2. Assess current industry trends, standards and practices that relate to the field of cosmetology. HU-CPIV-10.2
3. Investigate career options and new techniques in Cosmetology utilizing industry professional as guest speakers as well as multimedia publications. HU-CPIV-10.3

HU-CPIV-11. Maintain a safe work environment and accident prevention by using safety precautions and/or practices including adherence to hazardous labeling requirements and compliance with safety signs, symbols, and labels. HU-CPIV-11

1. Analyze the role and the responsibilities of the personal care provider (student) in the classroom, laboratory, and various workplace settings in an emergency situation. HU-CPIV-11.1
2. Demonstrate preparedness procedures for each emergency situation—fires, electric shock, overloading a circuit, inclement weather, blood spills, and other emergency situations that may occur in the classroom/laboratory or workplace. HU-CPIV-11.2

3. Adhere to all safety procedures when working with chemicals. [HU-CPIV-11.3](#)
4. Demonstrate all infection controls procedures when working in the clinic lab. [HU-CPIV-11.4](#)
5. Implement and apply proper care and safety protocol when working with models/clients. [HU-CPIV-11.5](#)

HU-CPIV-12. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events. [HU-CPIV-12](#)

1. Research the history of SkillsUSA. [HU-CPIV-12.1](#)
2. Discuss the mission, purpose, motto, colors, official dress, and other distinguishing characteristics of SkillsUSA. [HU-CPIV-12.2](#)
3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. [HU-CPIV-12.3](#)
4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills, and knowledge of this course. [HU-CPIV-12.4](#)

Cosmetology Practicum V (12.423)

HU-CPV-1. Demonstrate employability skills required by business and industry. [HU-CPV-1](#)

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. [HU-CPV-1.1](#)
2. 1.3 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. [HU-CPV-1.2](#)
4. Workplace Ethics Demonstrating Good Work Ethic Behaving Appropriately Maintaining Honesty Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. [HU-CPV-1.4](#)
5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills. [HU-CPV-1.5](#)
6. Present a professional image through appearance, behavior, and language. [HU-CPV-1.6](#)

HU-CPV-2. Perform the appropriate number of various hair color applications demonstrating knowledge of formulations, safety of, and chemistry involved with haircoloring and bleaching agents on mannequins/clients, as directed by the instructor. [HU-CPV-2](#)

1. Consult with clients to determine their needs and preferences. [HU-CPV-2.1](#)

2. Conduct a hair color service in accordance with client's needs and expectations. [HU-CPV-2.2](#)
3. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPV-2.3](#)
4. Perform predisposition test for possible allergies prior to service and respond appropriately. [HU-CPV-2.4](#)
5. Identify the client's natural level, determine classification of color product, and select appropriate application. [HU-CPV-2.5](#)
6. Perform 1 application of temporary color or 1 application of semi/demi permanent color. [HU-CPV-2.6](#)
7. Perform 2 applications of permanent virgin color and 1 application of retouch permanent color. [HU-CPV-2.7](#)
8. Perform application of bleach products (2 Virgin, 1 Retouch, 2 Foil, and/or 1 Free-hand, or Cap Highlight). [HU-CPV-2.8](#)

HU-CPV-3. Perform the appropriate number of applications of chemical texturing services on mannequins/ clients in accordance with the manufacturers' directions demonstrating knowledge of the products used and the chemistry foundation, as directed by the instructor. [HU-CPV-3](#)

1. Consult with clients to determine their needs and preferences. [HU-CPV-3.1](#)
2. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPV-3.2](#)
3. Analyze the hair/scalp to identify scalp and hair conditions to determine if the client is eligible to receive service and respond appropriately. [HU-CPV-3.3](#)
4. Examine and record information obtained from the client consultation, service notes, and final results on the client intake form. [HU-CPV-3.4](#)
5. Utilize product guidelines by following all manufacturers' directions and safety precautions. [HU-CPV-3.5](#)
6. Perform 6 permanent waving applications. [HU-CPV-3.6](#)
7. Perform 5 virgin chemical hair relaxing applications. [HU-CPV-3.7](#)
8. Perform 5 retouch chemical hair relaxing applications. [HU-CPV-3.8](#)
9. Perform 1 soft curl permanent application. [HU-CPV-3.9](#)

HU-CPV-4. Perform 24 hours (16 applications) of hairstyling services on client/mannequin and enhance skills learned in previous courses, as directed by the instructor. [HU-CPV-4](#)

1. Consult with the client to determine needs and preferences. [HU-CPV-4.1](#)
2. Evaluate current hairstyling trends, tools, and products. [HU-CPV-4.2](#)

3. Utilize design elements and principles within a two- or three-dimensional context to control the finished hairstyle. [HU-CPV-4.3](#)
 4. Construct a hair design portfolio. [HU-CPV-4.4](#)
 5. Generate appropriate hairstyles for different body proportions to create a balanced hair design. [HU-CPV-4.5](#)
 6. Perform 10 hairstyle sets and comb-outs (including: updo's, hair wrapping, roller sets, chignons, French twist, hair pressing, braiding and hair extensions). [HU-CPV-4.6](#)
 7. Perform 4 blow dry styles and comb-outs to include Marcel Iron. [HU-CPV-4.7](#)
 8. Perform 1 pincurl style and comb-out. [HU-CPV-4.8](#)
 9. Perform 1 finger wave style and comb-out. [HU-CPV-4.9](#)
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HU-CPV-5. Perform appropriate number of haircuts using various haircutting techniques with correct cutting implements on client/mannequin following all safety and decontamination practices during haircutting procedures, as directed by the instructor. [HU-CPV-5](#)

1. Consult with clients to determine their needs and preferences considering head/body proportion. [HU-CPV-5.1](#)
 2. Examine the client's hair and scalp condition. [HU-CPV-5.2](#)
 3. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPV-5.3](#)
 4. Identify appropriate haircutting implements demonstrating proper use and maintenance. [HU-CPV-5.4](#)
 5. Perform proper sectioning technique for each haircutting procedure. [HU-CPV-5.5](#)
 6. Utilize traveling and stationary guidelines for applicable haircut. [HU-CPV-5.6](#)
 7. Demonstrate cuts using shears, razor, trimmers, and clippers. [HU-CPV-5.7](#)
 8. Demonstrate various texture techniques in haircutting. [HU-CPV-5.8](#)
 9. Perform 16 haircuts using 0, 45, 90 and 180-degree projections. [HU-CPV-5.9](#)
 10. Perform cross-checking on all haircuts for accuracy. [HU-CPV-5.10](#)
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HU-CPV-6. Perform the appropriate number of applications on client/mannequin for a corrective/preservative treatment of the skin, scalp, and hair following safety precautions for all treatments, as directed by the instructor. [HU-CPV-6](#)

1. Conduct services in a safe environment and take measures to prevent the spread of infectious material. [HU-CPV-6.1](#)

2. Use the most beneficial salon products while providing salon services. [HU-CPV-6.2](#)
3. Market recommended professional salon products to benefit client's individual skin, scalp, and hair needs. [HU-CPV-6.3](#)
4. Perform client consultations analyzing the skin, scalp, and hair for disorders prior to performing any treatment. [HU-CPV-6.4](#)
5. Demonstrate proper safety precautions for all electrical equipment. [HU-CPV-6.5](#)
6. Identify products and supplies needed to give scalp treatments [HU-CPV-6.6](#)
7. Demonstrate massage manipulations. [HU-CPV-6.6.7](#)
8. Demonstrate procedures involved in a corrective scalp treatment for oily and dry scalp [HU-CPV-6.8](#)
9. Perform 3 scalp treatments. [HU-CPV-6.9](#)
10. Identify products and supplies needed to give hair treatments. [HU-CPV-6.10](#)
11. Demonstrate procedures involved in a corrective hair treatment for dry and oily hair. [HU-CPV-6.11](#)
12. Perform 3 hair treatments. [HU-CPV-6.12](#)
13. Identify products and supplies needed to give facial treatments. [HU-CPV-6.13](#)
14. Perform 3 facials procedures (oily, dry or combination skin). [HU-CPV-6.14](#)
15. Perform 2 Make-up applications. [HU-CPV-6.15](#)
16. Perform 2 lip, chin, or face hair removal services (tweezing, waxing, and/or threading). [HU-CPV-6.16](#)
17. Perform 2 brow tweezing. [HU-CPV-6.17](#)
18. Perform 2 brow waxing. [HU-CPV-6.18](#)

HU-CPV-7. Perform the appropriate number of applications for the basic manicure and pedicure to the satisfaction of the client, as directed by the instructor. [HU-CPV-7](#)

1. Assess and consult with the client to determine their needs and preferences. [HU-CPV-7.1](#)
2. Prepare and conduct services in a safe environment and take measures to prevent the spread of infectious and contagious diseases. [HU-CPV-7.2](#)
3. Perform 3 manicures. [HU-CPV-7.3](#)
4. Perform 3 pedicures. [HU-CPV-7.4](#)
5. Perform 2 advanced nail techniques. [HU-CPV-7.5](#)

HU-CPV-8. Perform 8 hours of receptionist duties, as directed by the instructor. HU-CPV-8

1. Utilizing proper business telephone etiquette. HU-CPV-8.1
2. Establish a calendar of salon appointments, including pre-booking client's next appointments. HU-CPV-8.2
3. Assess and maintain client records. HU-CPV-8.3
4. Maintain positive salon environment. HU-CPV-8.4
5. Greet and assist clients in a welcoming fashion. HU-CPV-8.5

HU-CPV-9. Perform 7 hours of dispensary time, as directed by the instructor. HU-CPV-9

1. Mix, fill, and dispense products to other students. HU-CPV-9.1
2. Categorize and maintain record of salon inventory. HU-CPV-9.2
3. Notify the instructor of supply shortages and damages incurred. HU-CPV-9.3
4. Examine and employ 2 hours of disinfecting tools and properly store all salon equipment and supplies. HU-CPV-9.4
5. Arrange and maintain a clean work environment. HU-CPV-9.5

HU-CPV-10. Explore and demonstrate skills used in the of cosmetology industry. HU-CPV-10

1. Utilize advanced techniques such as hair care and haircutting, long hair styling, nail care and design, and skin care and makeup application as needed for clientele and competition purposes. HU-CPV-10.1
2. Assess current industry trends, standards and practices that relate to the field of cosmetology. HU-CPV-10.2
3. Investigate career options and new techniques in Cosmetology utilizing industry professional as guest speakers as well as multimedia publications. HU-CPV-10.3

HU-CPV-11. Maintain a safe work environment and accident prevention by using safety precautions and/or practices including adherence to hazardous labeling requirements and compliance with safety signs, symbols, and labels. HU-CPV-11

1. Analyze the role and the responsibilities of the personal care provider (student) in the classroom, laboratory, and various workplace settings in an emergency situation. HU-CPV-11.1
2. Demonstrate preparedness procedures for each emergency situation—fires, electric shock, overloading a circuit, inclement weather, blood spills, and other emergency situations that may occur in the classroom/laboratory or workplace. HU-CPV-11.2

3. Adhere to all safety procedures when working with chemicals. [HU-CPV-11.3](#)
4. Demonstrate all infection controls procedures when working in the clinic lab. [HU-CPV-11.4](#)
5. Implement and apply proper care and safety protocol when working with models/clients. [HU-CPV-11.5](#)

HU-CPV-12. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events. [HU-CPV-12](#)

1. Research the history of SkillsUSA. [HU-CPV-12.1](#)
2. Discuss the mission, purpose, motto, colors, official dress, and other distinguishing characteristics of SkillsUSA. [HU-CPV-12.2](#)
3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. [HU-CPV-12.3](#)
4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills, and knowledge of this course. [HU-CPV-12.4](#)

**Cosmetology Practicum
VI (12.424)**

HU-CPVI-1. Demonstrate employability skills required by business and industry. [HU-CPVI-1](#)

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. [HU-CPVI-1.1](#)
2. 1.3 Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. [HU-CPVI-1.2](#)
4. Workplace Ethics Demonstrating Good Work Ethic Behaving Appropriately Maintaining Honesty Playing Fair Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. [HU-CPVI-1.4](#)
5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply teamwork skills. [HU-CPVI-1.5](#)
6. Present a professional image through appearance, behavior, and language. [HU-CPVI-1.6](#)

HU-CPVI-2. Perform the appropriate number of various hair color applications demonstrating knowledge of formulations, safety of, and chemistry involved with haircoloring and bleaching agents on mannequins/clients, as directed by the instructor. [HU-CPVI-2](#)

1. Consult with clients to determine their needs and preferences. [HU-CPVI-2.1](#)
2. Conduct a hair color service in accordance with client's needs and expectations. [HU-CPVI-2.2](#)
3. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPVI-2.3](#)
4. Perform predisposition test for possible allergies prior to service and respond appropriately. [HU-CPVI-2.4](#)
5. Identify the client's natural level, determine classification of color product, and select appropriate application. [HU-CPVI-2.5](#)
6. Perform 1 application of temporary color or 1 application of semi/demi permanent color. [HU-CPVI-2.6](#)
7. Perform 2 applications of permanent virgin color and 1 application of retouch permanent color. [HU-CPVI-2.7](#)
8. Perform application of bleach products (2 Virgin, 1 Retouch, 2 Foil, and/or 1 Free-hand, or Cap Highlight). [HU-CPVI-2.8](#)

HU-CPVI-3. Perform the appropriate number of applications of chemical texturing services on mannequins/clients in accordance with the manufacturers' directions demonstrating knowledge of the products used and the chemistry foundation, as directed by the instructor. [HU-CPVI-3](#)

1. Consult with clients to determine their needs and preferences. [HU-CPVI-3.1](#)
2. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPVI-3.2](#)
3. Analyze the hair/scalp to identify scalp and hair conditions to determine if the client is eligible to receive service and respond appropriately. [HU-CPVI-3.3](#)
4. Examine and record information obtained from the client consultation, service notes, and final results on the client intake form. [HU-CPVI-3.4](#)
5. Utilize product guidelines by following all manufacturers' directions and safety precautions. [HU-CPVI-3.5](#)
6. Perform 6 permanent waving applications. [HU-CPVI-3.6](#)
7. Perform 5 virgin chemical hair relaxing applications. [HU-CPVI-3.7](#)
8. Perform 5 retouch chemical hair relaxing applications. [HU-CPVI-3.8](#)
9. Perform 1 soft curl permanent application. [HU-CPVI-3.9](#)

HU-CPVI-4. Perform 24 hours (16 applications) of hairstyling services on client/mannequin and enhance skills learned in previous courses, as directed by the instructor. [HU-CPVI-4](#)

1. Consult with the client to determine needs and preferences. [HU-CPVI-4.1](#)
2. Evaluate current hairstyling trends, tools, and products. [HU-CPVI-4.2](#)
3. Utilize design elements and principles within a two- or three-dimensional context to control the finished hairstyle. [HU-CPVI-4.3](#)
4. Construct a hair design portfolio. [HU-CPVI-4.4](#)
5. Generate appropriate hairstyles for different body proportions to create a balanced hair design. [HU-CPVI-4.5](#)
6. Perform 10 hairstyle sets and comb-outs (including: updo's, hair wrapping, roller sets, chignons, French twist, hair pressing, braiding and hair extensions). [HU-CPVI-4.6](#)
7. Perform 4 blow dry styles and comb-outs to include Marcel Iron. [HU-CPVI-4.7](#)
8. Perform 1 pincurl style and comb-out. [HU-CPVI-4.8](#)
9. Perform 1 finger wave style and comb-out. [HU-CPVI-4.9](#)

HU-CPVI-5. Perform appropriate number of haircuts using various haircutting techniques with correct cutting implements on client/mannequin following all safety and decontamination practices during haircutting procedures, as directed by the instructor. [HU-CPVI-5](#)

1. Consult with clients to determine their needs and preferences considering head/body proportion. [HU-CPVI-5.1](#)
2. Examine the client's hair and scalp condition. [HU-CPVI-5.2](#)
3. Provide services in a safe environment for both the client and stylist including measures to prevent the spread of infectious diseases and use of PPE (personal protective equipment). [HU-CPVI-5.3](#)
4. Identify appropriate haircutting implements demonstrating proper use and maintenance. [HU-CPVI-5.4](#)
5. Perform proper sectioning technique for each haircutting procedure. [HU-CPVI-5.5](#)
6. Utilize traveling and stationary guidelines for applicable haircut. [HU-CPVI-5.6](#)
7. Demonstrate cuts using shears, razor, trimmers, and clippers. [HU-CPVI-5.7](#)
8. Demonstrate various texture techniques in haircutting. [HU-CPVI-5.8](#)
9. Perform 16 haircuts using 0, 45, 90 and 180-degree projections. [HU-CPVI-5.9](#)
10. Perform cross-checking on all haircuts for accuracy. [HU-CPVI-5.10](#)

HU-CPVI-6. Perform the appropriate number of applications on client/mannequin for a corrective/ preservative treatment of the skin, scalp, and hair following safety precautions for all treatments, as directed by the instructor. [HU-CPVI-6](#)

1. Conduct services in a safe environment and take measures to prevent the spread of infectious material. [HU-CPVI-6.1](#)
2. Use the most beneficial salon products while providing salon services. [HU-CPVI-6.2](#)
3. Market recommended professional salon products to benefit client's individual skin, scalp, and hair needs. [HU-CPVI-6.3](#)
4. Perform client consultations analyzing the skin, scalp, and hair for disorders prior to performing any treatment. [HU-CPVI-6.4](#)
5. Demonstrate proper safety precautions for all electrical equipment. [HU-CPVI-6.5](#)
6. Identify products and supplies needed to give scalp treatments [HU-CPVI-6.6](#)
7. Demonstrate massage manipulations. [HU-CPVI-6.7](#)
8. Demonstrate procedures involved in a corrective scalp treatment for oily and dry scalp. [HU-CPVI-6.8](#)
9. Perform 3 scalp treatments. [HU-CPVI-6.9](#)
10. Identify products and supplies needed to give hair treatments [HU-CPVI-6.10](#)
11. Demonstrate procedures involved in a corrective hair treatment for dry and oily hair. [HU-CPVI-6.11](#)
12. Perform 3 hair treatments. [HU-CPVI-6.12](#)
13. Identify products and supplies needed [HU-CPVI-6.13](#)
14. Perform 3 facials procedures (oily, dry or combination skin). [HU-CPVI-6.14](#)
15. Perform 2 Make-up applications. [HU-CPVI-6.15](#)
16. Perform 2 lip, chin, or face hair removal services (tweezing, waxing, and/or threading). [HU-CPVI-6.16](#)
17. Perform 2 brow tweezing. [HU-CPVI-6.17](#)
18. Perform 2 brow waxing. [HU-CPVI-6.18](#)

HU-CPVI-7. Perform the appropriate number of applications for the basic manicure and pedicure to the satisfaction of the client, as directed by the instructor. HU-CPVI-7

1. Assess and consult with the client to determine their needs and preferences. HU-CPVI-7.1
2. Prepare and conduct services in a safe environment and take measures to prevent the spread of infectious and contagious diseases. HU-CPVI-7.2
3. Perform 3 manicures. HU-CPVI-7.3
4. Perform 3 pedicures. HU-CPVI-7.4
5. Perform 2 advanced nail techniques. HU-CPVI-7.5

HU-CPVI-8. Perform 8 hours of receptionist duties, as directed by the instructor. HU-CPVI-8

1. Utilizing proper business telephone etiquette. HU-CPVI-8.1
2. Establish a calendar of salon appointments, including pre-booking client's next appointments. HU-CPVI-8.2
3. Assess and maintain client records. HU-CPVI-8.3
4. Maintain positive salon environment. HU-CPVI-8.4
5. Greet and assist clients in a welcoming fashion. HU-CPVI-8.5

HU-CPVI-9. Perform 7 hours of dispensary time, as directed by the instructor. HU-CPVI-9

1. Mix, fill, and dispense products to other students. HU-CPVI-9.1
2. Categorize and maintain record of salon inventory. HU-CPVI-9.2
3. Notify the instructor of supply shortages and damages incurred. HU-CPVI-9.3
4. Examine and employ 2 hours of disinfecting tools and properly store all salon equipment and supplies. HU-CPVI-9.4
5. Arrange and maintain a clean work environment. HU-CPVI-9.5

HU-CPVI-10. Explore and demonstrate skills used in the of cosmetology industry. HU-CPVI-10

1. Utilize advanced techniques such as hair care and haircutting, long hair styling, nail care and design, and skin care and makeup application as needed for clientele and competition purposes. HU-CPVI-10.1
2. Assess current industry trends, standards and practices that relate to the field of cosmetology. HU-CPVI-10.2
3. Investigate career options and new techniques in Cosmetology utilizing industry professional as guest speakers as well as multimedia publications. HU-CPVI-10.3

HU-CPVI-11. Maintain a safe work environment and accident prevention by using safety precautions and/or practices including adherence to hazardous labeling requirements and compliance with safety signs, symbols, and labels. HU-CPVI-11

1. Analyze the role and the responsibilities of the personal care provider (student) in the classroom, laboratory, and various workplace settings in an emergency situation. HU-CPVI-11.1
2. Demonstrate preparedness procedures for each emergency situation—fires, electric shock, overloading a circuit, inclement weather, blood spills, and other emergency situations that may occur in the classroom/laboratory or workplace. HU-CPVI-11.2
3. Adhere to all safety procedures when working with chemicals. HU-CPVI-11.3
4. Demonstrate all infection controls procedures when working in the clinic lab. HU-CPVI-11.4
5. Implement and apply proper care and safety protocol when working with models/clients. HU-CPVI-11.5

HU-CPVI-12. Explore how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, entrepreneurship development, and competitive events. HU-CPVI-12

1. Research the history of SkillsUSA. HU-CPVI-12.1
2. Discuss the mission, purpose, motto, colors, official dress, and other distinguishing characteristics of SkillsUSA. HU-CPVI-12.2
3. Explain how participation in SkillsUSA can promote lifelong responsibility for community service and professional growth and development. HU-CPVI-12.3
4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills, and knowledge of this course. HU-CPVI-12.4

**Introduction to
Consumer Relations
(20.44)**

HUM-ICR-1. Demonstrate employability skills required by business and industry. HUM-ICR-1

1. Communicate effectively through writing, speaking, listening, reading, and interpersonal abilities. HUM-ICR-1.1
2. Demonstrate creativity by asking challenging questions and applying innovative procedures and methods. HUM-ICR-1.2
3. Exhibit critical thinking and problem solving skills to locate, analyze and apply information in career planning and employment situations. HUM-ICR-1.3

4. Model work readiness traits required for success in the workplace including integrity, honesty, accountability, punctuality, time management, and respect for diversity. HUM-ICR-1.4
 5. Apply the appropriate skill sets to be productive in a changing, technological, diverse workplace to be able to work independently and apply team work skills. HUM-ICR-1.5
 6. Present a professional image through appearance, behavior and language. HUM-ICR-1.6
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HUM-ICR-2. Examine how related student organizations are integral parts of career and technology education courses through leadership development, school and community service projects, and competitive events. HUM-ICR-2

1. Research the history of FCCLA. HUM-ICR-2.1
 2. Discuss the mission, purpose, motto, colors, official dress and other distinguishing characteristics of FCCLA. HUM-ICR-2.2
 3. Explain how participation in FCCLA can promote lifelong responsibility for community service and professional growth and development. HUM-ICR-2.3
 4. Create a personal leadership plan to participate in programs, conferences, community service and competitive events on the local, state, and national level that align with the competencies, skills and knowledge of this course. HUM-ICR-2.4
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HUM-ICR-3. Identify components of a quality consumer relations philosophy. HUM-ICR-3

1. Analyze various sample mission statements, visions and beliefs of different companies using classroom technology. HUM-ICR-3.1
 2. Discuss the hierarchy of various organizations or companies and how each relates to the consumer. HUM-ICR-3.2
 3. Examine how a company's philosophy affects consumer relations. HUM-ICR-3.3
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HUM-ICR-4. Identify consumers and their varying needs. HUM-ICR-4

1. Define the characteristics of a consumer. HUM-ICR-4.1
2. Examine reasons people buy a good or service. HUM-ICR-4.2
3. Distinguish between internal and external consumers. HUM-ICR-4.3
4. Recognize types of consumers (e.g. discount, impulse, loyal, need-based, and wandering). HUM-ICR-4.4
5. Classify strategies for serving the needs of different types of consumers. HUM-ICR-4.5
6. Explain the need and methods used to inform consumers about products, policies, and services. HUM-ICR-4.6

7. Differentiate between consumer needs and company policies. HUM-ICR-4.7
 8. Identify acceptable practices that are sensitive to cultural, religious, disability and gender issues. HUM-ICR-4.8
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HUM-ICR-5. Identify concepts of quality service to assure consumer satisfaction. HUM-ICR-5

1. Discuss industry standards for service methods that meet expectations of consumers. HUM-ICR-5.1
 2. Analyze the relationship between employee attitude, appearance, and actions on consumer satisfaction. HUM-ICR-5.2
 3. Investigate ways to develop a rapport with different consumers. HUM-ICR-5.3
 4. Describe behaviors and attitudes that create barriers which limit rapport with consumers. HUM-ICR-5.4
 5. Demonstrate the ability to empathize with a consumer. HUM-ICR-5.5
 6. Differentiate between good and bad customer service. HUM-ICR-5.6
 7. Identify different types of customer service: corrupt interaction, detached interaction, high interaction, ideal interaction, low interaction, no interaction, transparent interaction and unfulfilling interaction. HUM-ICR-5.7
 8. Develop customer service goals and create a personalized customer service program including mission, vision and goals. HUM-ICR-5.8
 9. Analyze effects of positive consumer relations on success of the human services industry. HUM-ICR-5.9
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HUM-ICR-6. Identify the effects of professionalism and a positive image HUM-ICR-6

1. Summarize and critique the different policies an organization has on presentation: i.e. uniform, badges, personal hygiene, clothing, accessories, etc. HUM-ICR-6.1
2. Evaluate the effects of a first impression. HUM-ICR-6.2
3. Analyze perception associated with professional dress and behaviors. HUM-ICR-6.3
4. Explain why a positive image is important and how it can accomplish personal and organizational goals. HUM-ICR-6.4
5. Identify practices for establishing and maintaining a positive customer service image. HUM-ICR-6.5
6. Analyze how factors affect the quality of customer service: reliability, confidence, efficiency, consistency, organization and acceptance and adherence to policies and procedures. HUM-ICR-6.6
7. Analyze image blunders and identify ways to eradicate them. HUM-ICR-6.7

8. Evaluate the connection between personal wellness and job performance. HUM-ICR-6.8
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HUM-ICR-7. Identify the importance of communication skills in consumer relations. HUM-ICR-7

1. Compare and contrast communication styles and their effects on consumer relationships. HUM-ICR-7.1
 2. Demonstrate verbal and nonverbal behaviors and attitudes that contribute to effective communication. HUM-ICR-7.2
 3. Demonstrate effective listening and feedback techniques. HUM-ICR-7.3
 4. Analyze strategies to overcome communication barriers in consumer relations. HUM-ICR-7.4
 5. Discuss ethical principles of communication when dealing with consumers. HUM-ICR-7.5
 6. Analyze the effects of communication technology in work place settings. HUM-ICR-7.6
 7. Describe effective etiquette when dealing with consumers using communication technology (e.g. telephones, intercoms, two way radios, cellular devices, switchboards). HUM-ICR-7.7
 8. Analyze effective communication techniques for each method of communication that builds rapport with customers and assist in a positive impression. HUM-ICR-7.8
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HUM-ICR-8. Evaluate effective conflict prevention and management techniques. HUM-ICR-8

1. Analyze the origin and development of attitudes and behaviors regarding conflict. HUM-ICR-8.1
2. Explain how similarities and differences among people affect conflict prevention and management. HUM-ICR-8.2
3. Recognize words to use and words to avoid. HUM-ICR-8.3
4. Debate how tone of voice may calm or cause detriment to a difficult situation. HUM-ICR-8.4
5. Identify problem solving skills to assure consumer satisfaction. HUM-ICR-8.5
6. Identify questions that will assist in solving a problem. HUM-ICR-8.6
7. Appraise common barriers to problem solving. HUM-ICR-8.7
8. Demonstrate techniques for handling conflicts and complaints. HUM-ICR-8.8
9. Demonstrate how to handle an irate consumer; 'know it all consumer'; talkative consumer; indecisive consumer; suspicious consumer; consumer with poor behavior. HUM-ICR-8.9
10. Demonstrate effective responses to harassment. HUM-ICR-8.10

11. Discuss the importance of effectively handling consumer issues. HUM-ICR-8.11

HUM-ICR-9. Evaluate effective strategies for ongoing consumer support. HUM-ICR-9

1. Examine benefits of consumer relation education and training. HUM-ICR-9.1
2. Discuss how technology can be utilized to sustain consumer relations. HUM-ICR-9.2
3. Identify factors that encourage repeat consumer interactions. HUM-ICR-9.3

HUM-ICR-10. Research careers in the Human Services Cluster. HUM-ICR-10

1. Identify a variety of careers in Human Services where a student could use consumer relation skills. HUM-ICR-10.1
2. Examine the job market for said careers at the local, regional and state level. HUM-ICR-10.2
3. Research a career in the Human Services Cluster to include education and training; job outlook; work environment; median pay; and related/similar occupations. HUM-ICR-10.3