



# DIVISION OF COLLEGE AND CAREER READINESS

## HUMAN SERVICES/FAMILY AND CONSUMER SCIENCES PROGRAM OF STUDY 2016-2017



**“Can’t quit, will never surrender, failure is not an option.”**

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**HUMAN SERVICES CLUSTER**  
**Family and Consumer Sciences (FACS)**  
**Exploratory and Introductory Programs**



**Course Descriptions**

**Exploratory Family and Consumer Sciences** introduces students to relationships, resources, home safety and security, child care responsibilities, personal image, basic food preparation techniques, and entrepreneurship opportunities.

**Introduction to Family and Consumer Sciences 1** provides an opportunity for students to explore self-image, consumer issues, and environmental concerns, positive approaches to child development, clothing care, financial literacy concepts, nutritional choices, food preparation, and skills for successful employment.

**Introduction to Family and Consumer Sciences 2** focuses on the changes and challenges faced by young teens today. Topics include family relationships, goal setting, money management, home repairs, early childhood development, textile products, nutrition-related diseases and illnesses, and careers.

Course Title	Course Code	Grade	Career and Technology Student Organization (CTS0)
Exploratory Family and Consumer Sciences	1858	6 <sup>th</sup>	 <b>Family, Career, and Community Leaders of America (FCCLA)</b> <a href="http://www.fcclainc.org/">www.fcclainc.org/</a>
Introduction to Family and Consumer Sciences 1	2857	7 <sup>th</sup>	
Introduction to Family and Consumer Sciences 2	2858	8 <sup>th</sup>	

**High School Credit Option:**

**Level 1 of Family and Consumer Sciences courses can be offered in the 7<sup>th</sup> and/or 8<sup>th</sup> grade for one unit of high school credit. Courses must be taught by a licensed Family and Consumer Sciences teacher.**

**Recommended Courses:** Child Development 1, Family and Consumer Sciences 1, Foods and Nutrition 1, Sports Nutrition 1, Fashion, Fabric, and Design 1, or Housing and Interiors 1

**Regulation 43-232: High School Credit**

When approved by the principal and the parents, a student promoted to the seventh or eighth grade may take units of ninth grade or higher work for high school credit. The high school courses offered must be limited to core, career and technology education, and foreign language courses that are currently in the 9–12 section of the *Activity Coding System for the Student Information System*.

**Regulation 43-234: Provisions for Awarding High School Credit**

B. A school may award one unit of credit for an academic standards-based course that requires a minimum of 120 hours of instruction.

**Teacher Licensure**

<http://ed.sc.gov/educators/certification/>

Certif. Code	Acceptable Certification and Mandatory Attendant Training
35	Family and Consumer Sciences (Home Economics)

**Standards, Student Profile, Course Syllabus**

<http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/human-services/human-services-course-standards/>

**Certification Title/Agency**



**A13-Teen Babysitting Class**  
**American Heart Association**  
<http://thehealthsourceatkidsake.com/teenbabysittingclass.aspx>

**44-Infant/Child CPR and Babysitting**  
**American Red Cross**  
<http://www.redcross.org/courses/index.jsp?requestid=33195>

**49-ServSafe® Foodhandlers Certification**  
 South Carolina Restaurant and Lodging Association  
<http://www.servsafe.com/ss/foodhandler/>

**Career Options**

Careers listed below are a small sampling of the career options that are available.

High School Education	Two-year Postsecondary Education	Four-Year or Post-Graduate Education
Baker helper Banquet set-up employee Child day care provider Entrepreneurship Fashion design assistant Product packager	Chef Child day care supervisor Entrepreneurship Fashion buyer Leisure activities coordinator Packaging manager Resort supervisor	Agriculture, food & natural resources career Architecture and construction career Arts, A/V technology, and communications career Business, management, and administration career Education and training career Family and consumer sciences career Hospitality and tourism career Health sciences career Human services career Information technology career Manufacturing career Marketing, sales, and service career Science, technology, engineering and mathematics career



# ARTS, A/V TECHNOLOGY, & COMMUNICATIONS CLUSTER

## National Pathway – Visual Arts



### South Carolina Program: FASHION DESIGN AND APPAREL CONSTRUCTION

#### Program Description

Fashion Design and Apparel Construction is a program that prepares individuals to apply artistic principles and techniques to the professional design of commercial fashions, apparel, and accessories, and to manage fashion development projects. Program includes instruction in apparel design; flat pattern design; computer-assisted design; labor and cost analysis; history of fashion; and production, distribution, and marketing of various apparel and textile products.

#### Required Courses

(Minimum of **four credits** required to be a completer.)

**CIP Code: 500407**

Fashion Design and Apparel Construction 1 - 5710

Fashion Design and Apparel Construction 2 – 5711

#### Recommended Electives

Entrepreneurship

Family and Consumer Sciences 1, 2

Fashion, Fabric, and Design 1, 2

Fashion Marketing

Financial Fitness 1, 2

Fund. of Web Page Design and Dev.

Integrated Business Applications 1

Marketing Management

Mechanical Design 1

Arts, A/V Technology, & Communications, work-based credit - 5290

#### Certification Title/Agency

**72-Fashion, Textiles, and Apparel Assessment/Certification**



[http://www.aafcs.org/CredentialingCenter/fashion\\_textiles\\_apparel.asp](http://www.aafcs.org/CredentialingCenter/fashion_textiles_apparel.asp)

#### Career and Technology Student Organization (CTSO)



**Family, Career, and Community Leaders of America (FCCLA)** [www.fcclainc.org/](http://www.fcclainc.org/)

#### Labor Market Information 2012-2022

##### South Carolina

**Median Salary: \$20.07 hourly, \$41,700 annually (High Wage)**

**Education Level: Associate's degree (High Skill)**

**Projected Growth Rate: Average (+12% or lower)**

<http://www.onetonline.org/link/summary/27-1022.00>

#### Teacher Licensure

<http://ed.sc.gov/educators/certification/>

#### Certif. Code

#### Acceptable Certification and Mandatory Attendant Training

35

Family and Consumer Sciences (Home Economics)

50+

Art plus additional courses or training approved by the Office of Career and Technology Education

EB

Clothing Design and Construction

#### Standards, Student Profile, Course Syllabus

<http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/arts-av-technology-and-communications/#arts>

### Career Options

Careers listed below are a small sampling of the career options that are available.

#### Some College, no Degree

Custom tailor assistant  
Entrepreneur  
Fashion buyer  
Fashion illustrator  
Merchandise displayer  
Sewing room supervisor

#### Associate's Degree

Alterations specialist  
Customer assistant  
Draper  
Entrepreneur  
Fashion design assistant  
Sales associate  
Visual displayer

#### Bachelor's Degree

Costume or fashion designer  
Custom tailor  
Fashion designer  
Fashion illustrator  
Fashion journalist  
Product developer  
Textile scientist

# ARTS, A/V TECHNOLOGY, & COMMUNICATIONS CLUSTER



## National Pathway – Visual Arts South Carolina Program: INTERIOR DESIGN



<p><b>Program Description</b> Interior design focuses on the study of interior planning with emphasis on residential and commercial design. Instruction includes computer applications; drafting and graphic techniques; principles of interior lighting, acoustics, systems integration, and color coordination; furniture and furnishings; textiles and their finishing; the history of interior design and period styles; basic structural design, building codes, and inspection regulations; and applications to office, hotel, factory, restaurant, and housing design.</p>								
<p><b>Required Courses</b> (Minimum of <b>four credits</b> required to be a completer.)</p> <p><b>CIP Code: 500408</b></p> <p>Interior Design 1 – 5455</p> <p>Interior Design 2 – 5456</p>	<p><b>Recommended Electives</b></p> <p>Entrepreneurship</p> <p>Family and Consumer Sciences 1, 2</p> <p>Fund. of Web Page Design and Dev.</p> <p>Housing and Interiors 1, 2</p> <p>Integrated Business Applications 1</p> <p>Marketing Management</p> <p>Mechanical Design 1</p> <p>Arts, A/V Technology, &amp; Communications, work-based credit - 5290</p>	<p><b>Certification Title/Agency</b></p> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 80%;"> <p><b>73-Interior Design Fundamentals Assessment/Certification</b></p> <p><a href="http://www.aafcs.org/CredentialingCenter/interior_design_fundamentals.asp">http://www.aafcs.org/CredentialingCenter/interior_design_fundamentals.asp</a></p> </div> <div style="width: 15%; text-align: center;">  </div> </div> <hr/> <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 15%; text-align: center;">  </div> <div style="width: 80%;"> <p><b>Career and Technology Student Organization (CTSO)</b></p> <p>Family, Career, and Community Leaders of America (FCCLA) <a href="http://www.fcclainc.org/">www.fcclainc.org/</a></p> </div> </div>						
<p><b>Teacher Licensure</b> <a href="http://ed.sc.gov/agency/programs-services/112/">http://ed.sc.gov/agency/programs-services/112/</a></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%; padding: 5px;">Certif. Code</th> <th style="padding: 5px;">Acceptable Certification and Mandatory Attendant Training</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; padding: 5px;">35</td> <td style="padding: 5px;">Family and Consumer Sciences (Home Economics)</td> </tr> <tr> <td style="text-align: center; padding: 5px;">50+</td> <td style="padding: 5px;">Art plus additional courses or training approved by the Office of Career and Technology Education</td> </tr> </tbody> </table>	Certif. Code	Acceptable Certification and Mandatory Attendant Training	35	Family and Consumer Sciences (Home Economics)	50+	Art plus additional courses or training approved by the Office of Career and Technology Education	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 10%; text-align: center;">  </div> <div style="width: 85%;"> <p><b>Labor Market Information 2012-2022</b></p> <p><b>South Carolina</b></p> <p><b>Median Salary:</b> \$23.32 hourly, \$48,500 annually (High Wage)</p> <p><b>Education Level:</b> Bachelor’s degree (High Skill)</p> <p><b>Projected Growth Rate:</b> Average (8% to 14%)</p> <p><a href="http://www.onetonline.org/link/summary/27-1025.00">http://www.onetonline.org/link/summary/27-1025.00</a></p> </div> </div>	
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<p><b>Career Options</b></p> <p>Careers listed below are a small sampling of the career options that are available.</p>								
<p><b>High School Diploma</b></p> <p>Cabinetmaker Drapery seamstress Interior design assistant Furnishing sales associate Furnishing installer Painter Showroom assistant Wallpaper installer</p>	<p><b>Associate’s Degree</b></p> <p>Commercial/Residential and Home furnishing coordinator Display designer Photo stylist Furnishing buyer Drapery/Upholstery estimator Restoration supervisor</p>	<p><b>Bachelor’s Degree</b></p> <p>Interior designer: Commercial Corporate Entertainment Healthcare Industrial Institutional Residential Retail Transportation</p>						



**EDUCATION AND TRAINING CLUSTER**  
**National Pathway – Education & Training**  
**South Carolina Program: EARLY CHILDHOOD EDUCATION**



<p><b>Program Description</b>          The Career and Technology Education Early Childhood Education program prepares individuals to teach students ranging in age from infancy through eight years (grade three). The program also provides training for the management of child care services and prepares individuals to plan, design, and manage child care facilities and programs that meet children’s developmental needs and interests. Instruction includes child development and psychology; home- and institution-based child care; safe and healthy environments; identification of diseases, injuries, and psychological trauma and applicable referrals; parent relations; personnel and business management principles; and related laws and policies.</p>								
<p><b>Required Courses</b>          (Minimum of <b>four credits</b> required to be a completer.)</p> <p><b>CIP Code: 131210</b></p> <p>Early Childhood Education 1 - 5700          Early Childhood Education 2 – 5701</p> <p><b>(Nontraditional –Males)</b></p>	<p><b>Recommended Electives</b></p> <p>Child Development 1, 2</p> <p>Entrepreneurship</p> <p>Family Life Education 1, 2</p> <p>Foods and Nutrition 1, 2</p> <p>Fund. of Web Page Design and Dev.</p> <p>Health Science 1</p> <p>Integrated Business Applications 1</p> <p>Intro. to Early Childhood Ed.</p> <p>Introduction to Teaching 1</p> <p>Parenting Education 1, 2</p> <p>Teacher Cadet – CATE Course Code – <b>5705</b></p> <p>Education and Training, work-based credit - 6390</p>	<p><b>Certification Title/Agency</b></p> <p><b>44-First Aide/CPR/AED</b>  <b>American Heart Association:</b> <a href="http://www.americanheart.org">http://www.americanheart.org</a>  <b>American Red Cross:</b> <a href="http://www.redcross.org">http://www.redcross.org</a></p> <p><b>59-SC Early Childhood Credential (ECD 101)</b>  <a href="http://sc-ccccd.net/Credentialing/Credentialing.html">http://sc-ccccd.net/Credentialing/Credentialing.html</a></p> <p><b>67-Early Childhood Education Assessment/Certification</b>          American Association of Family and Consumer Sciences (AAFCS)  <a href="http://www.aafcs.org/CredentialingCenter/ece.asp">http://www.aafcs.org/CredentialingCenter/ece.asp</a></p> <p><b>A17-ParaProAssessment</b>  <a href="http://www.ets.org/parapro/about/">http://www.ets.org/parapro/about/</a></p> <p><b>A65-The Child Development Associate Credential</b>  <a href="http://www.cdacouncil.org/about/cda-credential">http://www.cdacouncil.org/about/cda-credential</a></p>						
<p><b>Dual Credit/Articulation Possibilities:</b></p> <p><b>Activity Coding System for Student Information System: Instructional Activity Codes</b>  <a href="http://ed.sc.gov/scdoe/assets/File/CoursesActivityCodesFinalNovember2015.pdf">http://ed.sc.gov/scdoe/assets/File/CoursesActivityCodesFinalNovember2015.pdf</a></p>		<p><b>Career and Technology Student Organization (CTSO)</b></p> <p> <b>Family, Career, and Community Leaders of America (FCCLA)</b> <a href="http://www.fcclainc.org/">www.fcclainc.org/</a></p> <p> <b>Educators Rising</b>  <a href="http://www.educatorsrising.org/">http://www.educatorsrising.org/</a></p>						
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<p><b>Labor Market Information 2012-2022</b></p> <p><b>South Carolina</b>  <b>Median Salary:</b> \$50,100 annually (High Wage)</p> <p><b>Education Level:</b> Bachelor’s degree (High Skill)</p> <p><b>Projected Growth Rate:</b> Average (15%)  <a href="http://www.onetonline.org/link/summary/25-2012.00">http://www.onetonline.org/link/summary/25-2012.00</a></p>	<p><b>Teacher Licensure</b>  <a href="http://ed.sc.gov/educators/certification/">http://ed.sc.gov/educators/certification/</a></p> <table border="1"> <thead> <tr> <th>Certif. Code</th> <th>Acceptable Certification and Mandatory Attendant Training</th> </tr> </thead> <tbody> <tr> <td>35</td> <td>Family and Consumer Sciences (Home Economics)</td> </tr> <tr> <td>85+</td> <td>Early Childhood plus 12 additional graduate credits approved by the OCTE</td> </tr> </tbody> </table>		Certif. Code	Acceptable Certification and Mandatory Attendant Training	35	Family and Consumer Sciences (Home Economics)	85+	Early Childhood plus 12 additional graduate credits approved by the OCTE
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<p><b>Careers requiring less than a Baccalaureate Degree</b></p> <p>Child care worker          Early childhood aide          Teacher assistant          Nanny</p>	<p><b>Careers Requiring Baccalaureate Degree</b></p> <p>Child care director          Early childhood teacher          Physical trainer          Special education teacher</p>	<p><b>Careers requiring more than a Baccalaureate Degree</b></p> <p>Child psychologist          College/University faculty          Guidance counselor          Speech therapist</p>						



**EDUCATION AND TRAINING CLUSTER**  
**National Pathway – Education & Training**  
**South Carolina Program: INTRODUCTION TO TEACHING**



<p><b>Program Description</b>          This program focuses on the general theory and practice of learning and teaching; the basic principles of educational psychology; the art of teaching; the planning and administration of educational activities; school safety and health issues; and the social foundations of education.</p>																
<p><b>Required Courses</b>          (Minimum of <b>four credits</b> required to be a completer.)</p> <p><b>CIP Code: 130101</b></p> <p>Introduction to Teaching 1 - 5703          Introduction to Teaching 2 – 5704</p>		<p><b>Certification Title/Agency</b></p>  <p><b>70-Education Fundamentals Assessment/Certification</b>  <a href="http://www.aafcs.org/CredentialingCenter/education_fundamentals.asp">http://www.aafcs.org/CredentialingCenter/education_fundamentals.asp</a></p> <p><b>A17-ParaProAssessment</b>  <a href="http://www.ets.org/parapro/">http://www.ets.org/parapro/</a></p>														
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<p><b>Labor Market Information 2012-2022</b></p> <p><b>South Carolina</b>  <b>Median Salary: \$51,510 annually (High Wage)</b></p> <p><b>Education Level: Bachelor’s degree (High Skill)</b></p> <p><b>Projected Growth Rate: Slower than average (3% to 7%)</b></p> <p><a href="http://www.onetonline.org/link/summary/25-2032.00">http://www.onetonline.org/link/summary/25-2032.00</a></p>																
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# HOSPITALITY AND TOURISM CLUSTER

## National Pathway – Restaurant Food and Beverage Services

### South Carolina Program: CULINARY ARTS



<p><b>Program Description</b>          Culinary Arts prepares students to plan, manage, and market restaurants, food services in hospitality establishments, food service chains, franchise networks, and restaurant supply operations. The program includes instruction in hospitality administration, food services management, wholesale logistics and distribution, franchise operations, business networking, personnel management, culinary arts, business planning and capitalization, food industry operations, marketing and retailing, business law and regulations, finance, and professional standards and ethics.</p>								
<p><b>Required Courses</b>          (Minimum of <b>four credits</b> required to be a completer.)</p> <p><b>CIP Code: 520905</b></p> <p>Culinary Arts 1 - 5720</p> <p>Culinary Arts 2 – 5721 and/or Baking &amp; Pastry – 5723</p>	<p><b>Recommended Electives</b></p> <p>Accounting 1</p> <p>Entrepreneurship</p> <p>Foods and Nutrition 1, 2</p> <p>Fund. Of Web Page Design and Dev.</p> <p>Hospitality and Tourism Management 1</p> <p>Integrated Business Applications 1</p> <p>Introduction to Culinary Arts</p> <p>Intro. to Hospitality and Tourism Man.</p> <p>Sports Nutrition 1, 2</p> <p>Hospitality and Tourism, work based credit – 5190</p>	<p><b>Certification Title/Agency</b></p> <p><b>49-ServSafe® Food Handler Certification</b>  <a href="http://www.servsafe.com/catalog/productlist.aspx?SCID=22&amp;RCID=21">http://www.servsafe.com/catalog/productlist.aspx?SCID=22&amp;RCID=21</a></p> <p><b>A15-ServSafe® Manager Certification</b>  <a href="http://www.servsafe.com/manager/food-safety-training-and-certification">http://www.servsafe.com/manager/food-safety-training-and-certification</a></p> <p><b>A9-Certified Junior Culinarian</b>  <b>A8-Secondary Culinary Graduate</b>  <a href="http://www.acfchefs.org/download/documents/Accreditation/cjc_graduate.pdf">http://www.acfchefs.org/download/documents/Accreditation/cjc_graduate.pdf</a></p> <p><b>69-Culinary Assessment/Certification</b>  <a href="http://www.aafcs.org/CredentialingCenter/culinary.asp">http://www.aafcs.org/CredentialingCenter/culinary.asp</a></p> <p><b>37-ProStart Certification</b>          SC Restaurant and Lodging Association  <a href="http://www.goprostart.com">www.goprostart.com</a>          A68-S/P2 Culinary Arts  <a href="https://sp2.org/site/school">https://sp2.org/site/school</a>  <b>PENDING:</b>  <b>A43-NOCTI Retail Commercial Baking Assessment</b>  <a href="http://www.nocti.org/CertificateProgram-ACF.cfm">http://www.nocti.org/CertificateProgram-ACF.cfm</a>  <b>A49-Cooking and Baking Exam</b>  <a href="http://www.servsafe.com/ss/culinary">http://www.servsafe.com/ss/culinary</a></p>						
<p><b>Dual Credit/Articulation</b>  <a href="#">Activity Coding System for the Student Information System</a></p>	<p><b>Teacher Licensure</b>  <a href="http://ed.sc.gov/educators/certification/">http://ed.sc.gov/educators/certification/</a></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Certif. Code</th> <th style="width: 80%;">Acceptable Certification and Mandatory Attendant Training</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">AQ</td> <td style="text-align: center;">Culinary Arts</td> </tr> <tr> <td style="text-align: center;">35+</td> <td style="text-align: center;">Family and Consumer Sciences (Home Economics)</td> </tr> </tbody> </table> <p>plus additional courses or training approved by the Office of Career and Technology Education.</p>		Certif. Code	Acceptable Certification and Mandatory Attendant Training	AQ	Culinary Arts	35+	Family and Consumer Sciences (Home Economics)
Certif. Code	Acceptable Certification and Mandatory Attendant Training							
AQ	Culinary Arts							
35+	Family and Consumer Sciences (Home Economics)							
<p><b>Standards, Student Profile, Course Syllabus</b></p> <p><a href="http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/hospitality-and-tourism/#hospitality">http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/hospitality-and-tourism/#hospitality</a></p>	<div style="display: flex; align-items: center;"> <div> <p><b>Labor Market Information 2012-2022</b></p> <p><b>South Carolina</b></p> <p><b>Median Salary:</b> \$21.00 hourly, \$43, 680 annually (High Wage)</p> <p><b>Education Level:</b> Associate’s degree (High Skill)</p> <p><b>Projected Growth Rate:</b> Little or no change (-2% to 2%)</p> <p><a href="http://www.onetonline.org/link/summary/11-9051.00">http://www.onetonline.org/link/summary/11-9051.00</a></p> </div> </div> <div style="margin-top: 10px;"> <p><b>Career and Technology Student Organization (CTSO)</b></p> <p> <b>Family, Career, and Community Leaders of America</b> <a href="http://www.fclcainc.org">www.fclcainc.org</a></p> <p> <b>SkillsUSA</b> <a href="http://www.skillsusa.org/">www.skillsusa.org/</a></p> </div>							
<p><b>Career Options</b></p> <p>Careers listed below are a small sampling of the career options that are available.</p>								
<b>Entry Level</b>	<b>Skill Level</b>	<b>Management Level</b>						
Banquet server Bus person Host Line cook	Baker Bartender Pastry and Specialty Chefs	Executive chef Maitre d’ Restaurant owner						



**HOSPITALITY AND TOURISM CLUSTER**  
**South Carolina Pathway**  
**HOSPITALITY and TOURISM MANAGEMENT** formerly  
**HOSPITALITY MANAGEMENT AND OPERATIONS**



<p><b>Program Description</b>          Hospitality and tourism management prepares individuals to manage operations and facilities that provide lodging services to the traveling public. The program includes instruction in hospitality industry principles; supplies purchasing, storage, and control; hotel facilities design and planning; hospitality industry law; personnel management and labor relations; financial management; marketing and sales promotion; front desk operations; and convention and event management.</p>												
<p><b>Required Courses</b>          (Minimum of <b>four credits</b> required to be a completer.)</p> <p><b>CIP Code: 520904</b></p> <p>Hospitality Management and Operations 1 – 5476 (Phasing out July 2016)          Hospitality Management and Operations 2 - 5477 (Phasing out July 2017)</p> <p><b>New Required Courses (2016-2017)</b>          Introduction to Hospitality and Tourism Management - 5478          Lodging Management - 5473          Travel and Tourism Management – 5474          Event and Entertainment Management - 5475</p> <p><b>Recommended Elective</b>          Hospitality and Tourism, work based credit – 5190</p>	<p><b>Certification Title/Agency</b></p> <p><b>09-Academy of Hospitality and Tourism</b>          National Academy Foundation  <a href="http://naf.org/wp-content/uploads/2015/08/AOHT.pdf">http://naf.org/wp-content/uploads/2015/08/AOHT.pdf</a></p> <p><b>43-Certified Front Desk Representative</b>  <a href="https://www.ahlei.org/CFDR/">https://www.ahlei.org/CFDR/</a></p> <p><b>A14-Skills, Tasks, and Results Training (START) Certification</b>  <a href="https://www.ahlei.org/programs/high-school/START/">https://www.ahlei.org/programs/high-school/START/</a></p> <p><b>A61-Certified Guestroom Attendant</b>  <a href="https://www.ahlei.org/Product_by_Category/Entry_Level/Certified_Guestroom_Attendant_Online_Program/">https://www.ahlei.org/Product_by_Category/Entry_Level/Certified_Guestroom_Attendant_Online_Program/</a></p> <p><b>A62-Certified Restaurant Server</b>  <a href="https://www.ahlei.org/Product_by_Category/Entry_Level/Certified_Restaurant_Server_START_Study_Guide/">https://www.ahlei.org/Product_by_Category/Entry_Level/Certified_Restaurant_Server_START_Study_Guide/</a></p> <p><b>A63-Certified Maintenance Employee (HSC)</b>  <a href="https://www.ahlei.org/Certifications/Line-Employees/Certified-Maintenance-Employee/">https://www.ahlei.org/Certifications/Line-Employees/Certified-Maintenance-Employee/</a></p>											
<p><b>Dual Credit/Articulation</b>          Check with individual teachers/schools to determine scholarship and dual credit/articulation availability</p>	<p><b>Standards, Student Profile, Course Syllabus</b>  <a href="http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/hospitality-and-tourism/#hospitality">http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/hospitality-and-tourism/#hospitality</a></p>											
<p><b>Teacher Certification</b>  <a href="http://ed.sc.gov/educators/certification/">http://ed.sc.gov/educators/certification/</a></p> <table border="1"> <thead> <tr> <th>Certif. Code</th> <th>Acceptable Certification and Mandatory Attendant Training</th> </tr> </thead> <tbody> <tr> <td>AQ</td> <td>Culinary Arts</td> </tr> <tr> <td>35</td> <td>Family and Consumer Sciences (Home Economics)</td> </tr> <tr> <td>4B</td> <td>Business/Marketing/Computer Technology (Business and Marketing Technology)</td> </tr> <tr> <td>47</td> <td>Business Education*</td> </tr> </tbody> </table> <p>plus additional courses or training approved by the Office of Career and Technology Education.</p>	Certif. Code	Acceptable Certification and Mandatory Attendant Training	AQ	Culinary Arts	35	Family and Consumer Sciences (Home Economics)	4B	Business/Marketing/Computer Technology (Business and Marketing Technology)	47	Business Education*	<p><b>Labor Market Information 2012-2022</b></p> <p><b>South Carolina</b></p> <p><b>Median Salary: \$38.49 hourly, \$80,100 annually (High Wage)</b>  <b>Education Level: Bachelor’s degree (High Skill)</b>  <b>Projected Growth Rate: Average (+13%)</b>  <a href="http://www.onetonline.org/link/summary/11-9199.00">http://www.onetonline.org/link/summary/11-9199.00</a></p> <p><b>Career and Technology Student Organization (CTSO)</b>  <b>Family, Career, and Community Leaders of America</b> <a href="http://www.fcclainc.org">www.fcclainc.org</a>  <b>DECA</b> <a href="http://www.deca.org/">www.deca.org/</a></p>	
Certif. Code	Acceptable Certification and Mandatory Attendant Training											
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<p><b>Career Options</b>          Careers listed below are a small sampling of the career options that are available.</p>												
<b>Entry Level</b>	<b>Skill Level</b>	<b>Management Level</b>										
Baggage and service attendant Front desk attendant Housekeepers, custodial worker Recreation and amusement worker Reservations associate Travel promotion worker Wait staff, wine stewards, bus person	Executive housekeeper Food safety and sanitation inspector Front office manager Reservation manager Sales manager	Athletic and event director Catering sales manager Chief engineer Controller Food & beverage director Senior sales manager Travel and tourism director										



# HUMAN SERVICES CLUSTER

## National Pathway: Personal-Care Services

### South Carolina Program: COSMETOLOGY

<p><b>Program Description</b>          Cosmetology prepares individuals to cut, trim, and style hair; apply cosmetic preparations; perform manicures and pedicures; massage the head, arms and legs; and prepare for practice as licensed cosmetologists in specialized or full-service salons. Includes instruction in hair cutting and styling, manicuring, pedicuring, facial treatments, shampooing, chemical applications, esthetics, shop management, sanitation and safety, customer service, and applicable professional and labor laws and regulations.</p>								
<p><b>Required Hours</b>          (1000 hours Cosmetology and 540 hours Academics or <b>1540 hours required</b> and a minimum of <b>eight credits</b> to be a completer)</p> <p><b>CIP Code: 120401</b></p> <p>Cosmetology 1 – 6150          Cosmetology 2 – 6151          Cosmetology 3 – 6152          Cosmetology 4 – 6153</p> <p style="color: red;"><b>(Nontraditional – Males)</b></p>	<p><b>Certification Title/Agency</b></p> <div style="text-align: right;"></div> <p>South Carolina Department of Labor, Licensing, and Regulation (SCLLR)  <a href="http://www.llr.state.sc.us/POL/Cosmetology/">http://www.llr.state.sc.us/POL/Cosmetology/</a></p> <p>Professional Credential Services, Inc          39-South Carolina Cosmetology License  <a href="https://www.pcshq.com/?page=cosmetologyandbarber,SCcos">https://www.pcshq.com/?page=cosmetologyandbarber,SCcos</a></p> <p>A68-S/P2 Cosmetology  <a href="https://sp2.org/site/school">https://sp2.org/site/school</a></p>							
<p><b>Recommended Elective</b></p> <p>Human Services, work based credit - 5790</p>	<div style="text-align: center;">   <b>Labor Market Information</b>  <b>2012-2022</b> </div> <p><b>South Carolina</b></p> <p><b>High Salary: \$18.25 hourly, \$37,960 annually (High Wage)</b></p> <p><b>Education Level: Postsecondary Certificate (High Skill)</b></p> <p><b>Projected Growth Rate: Average (+14%)</b></p> <p><a href="http://www.onetonline.org/link/summary/39-5012.00">http://www.onetonline.org/link/summary/39-5012.00</a></p>							
<p><b>Standards, Student Profile</b>  <a href="http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/human-services/human-services-course-standards/">http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/human-services/human-services-course-standards/</a></p>	<p><b>Career and Technology Education Student Organization (CTSO)</b></p> <div style="text-align: center;">   <b>SCSkillsUSA</b>  <a href="http://scskillsusa.org/">http://scskillsusa.org/</a> </div>							
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Certif. Code	Acceptable Certification and Mandatory Attendant Training							
AT	Cosmetology							
BP+	Barber plus Cosmetology License							
<p><b>Career Options</b>          Careers listed below are a small sampling of the career options that are available.</p>								
<p><b>Careers requiring specialized training</b></p> <p>Beauty business consultant          Beauty care marketing          Beauty product designer          Department store make-up artist          Manufacturer sales representative          Salon coordinator          Shampooer</p>	<p><b>Careers requiring specialized licensure</b></p> <p>Entrepreneur          Fashion show stylist          Hair care specialist          Hair color specialist          Photo and movie stylist          Registered cosmetologist          Salon chain manager          Skin care specialist</p>	<p><b>Careers requiring training beyond specialized licensure</b></p> <p>Beauty magazine writer or editor          Cosmetology instructor          Cosmetology school owner          Director of education          Platform artist and educator          Research chemist          Salon computer expert          Trade show director</p>						



# HUMAN SERVICES CLUSTER

## National Pathway: Personal-Care Services

### South Carolina Program: NAIL TECHNOLOGY

<p><b>Program Description</b>          Nail Technology is a program that prepares individuals to shape fingernails and toenails, remove unwanted skin and blemishes, apply polish and cosmetics to nails, and function as licensed manicurists or nail technicians/specialists. Includes instruction in manicuring theory; skin anatomy; nail growth, irregularities, and diseases; sterilization and sanitation; equipment and table maintenance; cuticle, blemish, and rough skin removal; nail filing, shaping, and polishing; cream application and extremity massage; nail sculpture and design art; product storage and use; customer services; laws and regulations; and business practices.</p>										
<p><b>Required Hours</b>          (300 hours required by SCLLR; 180 hours required for completion by SCDE- A total of <b>480 Nail Technology hours</b> and a minimum of <b>four credits</b> to be a completer.)</p> <p><b>CIP Code: 120410</b></p> <p>Nail Technology 1 – 6154          Nail Technology 2 – 6155          Nail Technology 3 – 6156          Nail Technology 4 – 6157</p> <p><b>(Nontraditional – Males)</b></p>	<p><b>Certification Title/Agency</b></p> <div style="text-align: right;"></div> <p><b>Nail Technology License</b></p> <p>South Carolina Department of Labor, Licensing, and Regulation (SCLLR)  <a href="http://www.llr.state.sc.us/POL/Cosmetology/">http://www.llr.state.sc.us/POL/Cosmetology/</a></p> <p><b>Professional Credential Services, Inc.</b>          55-South Carolina Nail Technician License  <a href="https://www.pcshq.com/?page=cosmetologyandbarber,SCnailtech">https://www.pcshq.com/?page=cosmetologyandbarber,SCnailtech</a></p>									
<p><b>Recommended Elective</b></p> <p>Human Services, work based credit – 5790</p>	<div style="text-align: center;"></div> <p><b>Labor Market Information 2012-2022</b></p> <p><b>South Carolina</b></p> <p><b>High Salary: \$20.42 hourly, \$42,460 annually (High Wage)</b></p> <p><b>Education Level: Postsecondary Certificate</b></p> <p><b>Projected Growth Rate: Faster than average (+16%) (High Demand) Note: SC Information not available</b></p> <p><a href="http://www.onetonline.org/link/summary/39-5092.00">http://www.onetonline.org/link/summary/39-5092.00</a></p>									
<p><b>Standards, Student Profile</b></p> <p><a href="http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/human-services/human-services-course-standards/">http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/human-services/human-services-course-standards/</a></p>	<p><b>Career and Technology Education Student Organization (CTSO)</b></p> <div style="text-align: center;"></div> <p><b>SCSkillsUSA</b>  <a href="http://scskillsusa.org/">http://scskillsusa.org/</a></p>									
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Certif. Code	Acceptable Certification and Mandatory Attendant Training									
EG	Nail Technology									
AT	Cosmetology									
BP+	Barbering plus Nail Technology License									
<p><b>Career Options</b></p> <p>Careers listed below are a small sampling of the career options that are available.</p>										
<p><b>Careers requiring specialized training</b></p> <p>Buyer for department stores or salons          Department store product demonstration          Nail care product sales</p>	<p><b>Careers requiring specialized licensure</b></p> <p>Entrepreneur          Manicurist          Pedicurist          Artificial nail application specialist          Nail enhancement specialist</p>	<p><b>Careers requiring training beyond specialized licensure</b></p> <p>Nail technology journalist          Nail technology instructor          Examiner          Inspector</p>								



# HUMAN SERVICES CLUSTER

## National Pathway: Personal-Care Services

### South Carolina Program: BARBER/MASTER HAIR CARE

#### Program Description

Barber/Master Hair Care prepares individuals to shave and trim facial/neck hair and beards, cut and dress hair, fit hairpieces, give facial and scalp massages, apply cosmetic treatments, and to prepare for licensure as professional barbers at various levels. Includes instruction in facial shaving; beard and mustache shaping and trimming; shampooing; hair cutting; hair styles and styling art; facial treatments and massage; chemical applications; hair and scalp anatomy and physiology; hairpiece and toupee fitting; equipment operation; health and safety; customer service; and shop business practices.

#### Required Hours

(**1000 hours** Barber/Master Hair Care and **540 hours** Academics or **1540 hours required** and a minimum of **eight credits** to be a completer.)

#### CIP Code: 120402

Barber 1/Master Hair Care 1 – 6158  
 Barber 2/Master Hair Care 2 - 6159  
 Barber 3/Master Hair Care 3 - 6160  
 Barber 4/Master Hair Care 4 - 6161

#### Certification Title/Agency



South Carolina Department of Labor,  
 Licensing, and Regulation (SCLLR)  
<http://www.llr.state.sc.us/pol/barber/index.asp?file=faq.htm>

**Professional Credential Services, Inc.**  
**A26-Registered Barber (no chemicals)**  
[https://www.pcshq.com/?page=cosmetologyandbarber\\_SCbar](https://www.pcshq.com/?page=cosmetologyandbarber_SCbar)

**A42-Master Hair Care (chemicals)**  
[https://www.pcshq.com/?page=cosmetologyandbarber\\_SCmasterhair](https://www.pcshq.com/?page=cosmetologyandbarber_SCmasterhair)

#### Recommended Elective

Human Services, work based credit - 5790

#### Standards, Student Profile

<http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/human-services/human-services-course-standards/>

#### Teacher Licensure

<http://ed.sc.gov/educators/certification/>

Certif. Code	Acceptable Certification and Mandatory Attendant Training
BP	Barbering
AT+	Cosmetology plus Barbering License



#### Labor Market Information 2012-2022

#### South Carolina

**High Salary: \$16.30 hourly, \$33,910 annually**  
 (High Wage)

**Education Level: Postsecondary Certificate**  
 (High Skill)

**Projected Growth Rate: Average (+12%)**

<http://www.onetonline.org/link/summary/39-5011.00>

#### Career and Technology Education Student Organization (CTSO)



**SCSkillsUSA**

<http://scskillsusa.org/>

### Career Options

Careers listed below are a small sampling of the career options that are available.

Careers requiring specialized training	Careers requiring specialized licensure	Careers requiring training beyond specialized licensure
Barber assistant Barber apprentice Barbering product designer Barbering product sales Barber shop coordinator Shampooer	Entrepreneurship Hair cut specialist Hair braiding practitioner Master hair care specialist Photo and movie hair cut stylist Registered barber	Barbering instructor Barbering school owner Director of education Research chemist Trade show director



# HUMAN SERVICES CLUSTER

## National Pathway: Personal-Care Services

### South Carolina Program: ESTHETICS

<p><b>Program Description</b>          Esthetics prepares individuals to cleanse, depilate, massage, and beautify the human body and to function as licensed estheticians and skin care specialists. Includes instruction in skin anatomy, physiology, and health; principles of nutrition; decontamination and infection control; health and safety; facial and body massage; body wrapping and spa treatments; temporary hair removal including waxing and tweezing; color and skin analysis; client consultation and care; applicable laws and regulation; business practices; and sometimes related alternative healing regimens.</p>										
<p><b>Required Hours</b>          (450 hours required by SCLLR; 150 hours required by SCDE – a total of 600 hours required and a minimum of <b>five credits</b> required to be a completer.)</p> <p><b>CIP Code: 120409</b></p> <p>Esthetics 1 - 6162          Esthetics 2 - 6163          Esthetics 3 - 6164          Esthetics 4 - 6165</p>	<p><b>Certification Title/Agency</b></p> <div style="text-align: right;"> </div> <p>South Carolina Department of Labor, Licensing, and Regulation (SCLLR)  <a href="http://www.llr.state.sc.us/POL/Cosmetology/">http://www.llr.state.sc.us/POL/Cosmetology/</a></p> <p><b>Professional Credential Services, Inc.</b>  <b>A28-South Carolina Esthetician</b>  <a href="https://www.pcshq.com/?page=cosmetologyandbarber,SCest">https://www.pcshq.com/?page=cosmetologyandbarber,SCest</a></p>									
<p><b>Recommended Elective</b></p> <p>Human Services, work based credit - 5790</p>	<div style="text-align: center;"> </div> <p><b>Labor Market Information 2012-2022</b></p>									
<p><b>Standards, Student Profile</b></p> <p><a href="http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/human-services/human-services-course-standards/">http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/human-services/human-services-course-standards/</a></p>	<p><b>South Carolina</b></p> <p><b>High Salary: \$16.41 hourly, \$34,140 annually (High Wage)</b></p> <p><b>Education Level: Postsecondary Certificate (High Skill)</b></p> <p><b>Projected Growth Rate: Much faster than average (+40%) (High Demand)</b></p> <p><a href="http://www.onetonline.org/link/summary/39-5012.00">http://www.onetonline.org/link/summary/39-5012.00</a></p>									
<p><b>Teacher Licensure</b>  <a href="http://ed.sc.gov/educators/certification/">http://ed.sc.gov/educators/certification/</a></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%; text-align: left;">Certif. Code</th> <th style="text-align: left;">Acceptable Certification and Mandatory Attendant Training</th> </tr> </thead> <tbody> <tr> <td>ES</td> <td>Esthetics</td> </tr> <tr> <td>AT</td> <td>Cosmetology</td> </tr> <tr> <td>BP+</td> <td>Barber plus Cosmetology License</td> </tr> </tbody> </table>	Certif. Code	Acceptable Certification and Mandatory Attendant Training	ES	Esthetics	AT	Cosmetology	BP+	Barber plus Cosmetology License	<p><b>Career and Technology Education Student Organization (CTSO)</b></p> <div style="text-align: center;"> </div> <p><b>SCSkillsUSA</b>  <a href="http://scskillsusa.org/">http://scskillsusa.org/</a></p>	
Certif. Code	Acceptable Certification and Mandatory Attendant Training									
ES	Esthetics									
AT	Cosmetology									
BP+	Barber plus Cosmetology License									
<p><b>Career Options</b></p> <p>Careers listed below are a small sampling of the career options that are available.</p>										
<p><b>Careers requiring specialized training</b></p> <p>Buyer for department stores or salons          Department store skin care product demonstration          Skin care product sales</p>	<p><b>Careers requiring specialized licensure</b></p> <p>Anti-aging treatment specialist          Entrepreneur          Esthetician          Facial specialist          Laser treatment specialist          Make-up artist          Microdermabrasion specialist          Skincare specialist          Waxing specialist</p>	<p><b>Careers requiring training beyond specialized licensure</b></p> <p>Esthetics journalist          Esthetics instructor          Examiner          Inspector          Laser esthetician          Medical esthetician          Theatre makeup esthetician          Permanent make-up tattoo artist          Spa esthetician</p>								



**HUMAN SERVICES CLUSTER**  
**National Pathways: Family and Community and Consumer Services**



**South Carolina Program: FAMILY AND CONSUMER SCIENCES**

**Program Description**

Family and Consumer Sciences is a comprehensive program that focuses on family and consumer sciences concepts and principles at the foundational career levels and the various potential career paths open to interested students. The program consists of 10 two-level courses that include basic human developmental and behavioral characteristics of the individual within the context of the family; core knowledge and skills to apply basic art elements and principles of design used in fashion or interior design; and, nutrition and wellness concepts and practices.

All Family and Consumer Sciences courses should be offered for 1.0 unit of credit as of 2009-2010 school year.

**Note:** Program completers in Family and Consumer Sciences must select courses that show a clear path to a career and be able to complete an approved assessment successfully. A minimum of **four credits** are required to be a completer.

**At least two courses required:**

Child Development 1, 2	5800	5801
Family and Consumer Sciences 1, 2	5808	5809
Family Life Education 1, 2	5820	5805
Fashion, Fabric, and Design 1, 2	5804	5821
Financial Fitness 1, 2	5812	5813
Foods and Nutrition 1, 2	5824	5825
Housing and Interiors 1, 2	5830	5831
Human Development: Responsible Life Choices 1, 2	5834	5835
Parenting Education 1, 2	5816	5817
Sports Nutrition 1, 2	5759	5760

**Additional approved courses if needed to meet state-recognized program requirements:**

- Culinary Arts 1
- Early Childhood Education 1
- Fashion Design and Apparel Construction 1
- Food Science and Dietetics 1
- Interior Design 1
- Introduction to Culinary Arts
- Introduction to Early Childhood Education
- Introduction to Teaching 1
- Family and Consumer Sciences, work-based credit, 5890

**Teacher Licensure**

<http://ed.sc.gov/educators/certification/>

Certif. Code	Acceptable Certification and Mandatory Attendant Training
35	<b>Family and Consumer Sciences (Home Economics)</b>

**Standards, Student Profile, Course Syllabus**

<http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/human-services/human-services-course-standards/>



**Career and Technology Student Organization (CTSO)**

**Family, Career, and Community Leaders of America (FCCLA)** [www.fcclainc.org/](http://www.fcclainc.org/)

**SCFCCLA Facebook**

<https://www.facebook.com/SouthCarolinaFCCLA>



**HUMAN SERVICES CLUSTER**  
**National Pathway: Family and Community Services**  
**South Carolina Program: FAMILY AND CONSUMER SCIENCES (cont.)**



 <b>Certification Title/Agency</b>	
<p><b>66-Broad Field FCS Assessment/Certification</b> <a href="http://www.aafcs.org/CredentialingCenter/Broad_Field.asp">http://www.aafcs.org/CredentialingCenter/Broad_Field.asp</a></p> <p><b>Concepts:</b> Interpersonal Relationships, Life Span and Human Development, Family Well-Being, Career Connections, Family and Consumer Resources, Nutrition and Wellness</p>	<p><b>75-Housing and Furnishing Assessment/Certification</b> <a href="http://www.aafcs.org/CertificationCenter/Housing_andFurnishings.asp">http://www.aafcs.org/CertificationCenter/Housing_andFurnishings.asp</a></p> <p><b>Concepts:</b> Careers, Knowledge of Housing and Furnishings Processes, Residential Housing, Furnishings, and Design Concepts, Professional Communication and Marketing, Professional Practices</p>
<p><b>71-Family and Community Services</b> <a href="http://www.aafcs.org/CredentialingCenter/family_services.asp">http://www.aafcs.org/CredentialingCenter/family_services.asp</a></p> <p><b>Concepts:</b> Career and Volunteer Opportunities, Factors Related to Family and Community Services, Professional and Ethical Behaviors, Conditions Affecting Individuals and Families, Services for Individuals and Families</p>	<p><b>74-Nutrition, Food, and Wellness Assessment/Certification</b> <a href="http://www.aafcs.org/CredentialingCenter/nutrition.asp">http://www.aafcs.org/CredentialingCenter/nutrition.asp</a></p> <p><b>Concepts:</b> Wellness, Food Handling, Food Safety, Science and Technology, Nutrition Principles, Careers</p>
<p><b>68-Personal and Family Finance Assessment/Certification</b> <a href="http://www.aafcs.org/CredentialingCenter/finance.asp">http://www.aafcs.org/CredentialingCenter/finance.asp</a></p> <p><b>Concepts:</b> Financial Responsibility and Decision Making, Income and Careers, Planning and Money Management, Credit and Debt, Risk Management and Insurance, Saving and Investing</p>	<p><b>A30 Financial Literacy (EverFi)</b> <a href="http://everfi.com/">http://everfi.com/</a></p> <p><b>Concepts:</b> Savings, Banking, Credit Cards &amp; Interest Rates, Credit Score, Financing Higher Education, Renting vs. Owning, Taxes &amp; Insurance</p>



**Labor Market Information NATIONAL 2012-2022**

<p><b>FASHION DESIGN <u>South Carolina</u></b></p> <p>Median Salary: \$20.07 hourly, \$41,740 annually (High Wage)</p> <p>Education Level: Associate's degree (High Skill)</p> <p>Projected Growth Rate: Average (+12% or lower)</p> <p><a href="http://www.onetonline.org/link/summary/27-1022.00">http://www.onetonline.org/link/summary/27-1022.00</a></p>	<p><b>INTERIOR DESIGN <u>South Carolina</u></b></p> <p>Median Salary: \$23.32 hourly, \$48,500 annually (High Wage)</p> <p>Education Level: Bachelor's degree (High Skill)</p> <p>Projected Growth Rate: Average (8% to 14%)</p> <p><a href="http://www.onetonline.org/link/summary/27-1025.00">http://www.onetonline.org/link/summary/27-1025.00</a></p>
<p><b>NUTRITION <u>South Carolina</u></b></p> <p>Median Salary: \$21.90 hourly, \$45,500 annually (High Wage)</p> <p>Education Level: Bachelor's Degree (High Skill)</p> <p>Projected Growth Rate: Faster than average (+18%) (High Demand)</p> <p><a href="http://www.onetonline.org/link/summary/29-1031.00">http://www.onetonline.org/link/summary/29-1031.00</a></p>	<p><b>FAMILY AND CONSUMER SCIENCES POSTSECONDARY</b></p> <p><u>National (No SC data available)</u></p> <p>Median Salary: \$63,390 annually (High Wage)</p> <p>Education Level: Master's degree and higher (High Skill)</p> <p>Projected Growth Rate: Average (+10% and higher)</p> <p><a href="http://www.onetonline.org/link/summary/19-3041.00">http://www.onetonline.org/link/summary/19-3041.00</a></p>



**HUMAN SERVICES CLUSTER**  
**National Pathway: Family and Community Services**  
**South Carolina Program: FAMILY AND CONSUMER SCIENCES (cont.)**



**CAREER OPTIONS**

Careers listed below are a small sampling of the career options that are available.

FAMILY AND CONSUMER SCIENCES CAREERS	Bachelor's Degree	Master's Degree	Doctoral or professional degree
	Family and consumer sciences teacher Health educator Social worker Substance abuse counselor	Education administrator Guidance counselor Mental health counselor Postsecondary family and consumer sciences instructor	Postsecondary family and consumer sciences professor Postsecondary professor Psychologist Superintendent
FASHION DESIGN AND HOUSING INTERIOR CAREERS	Occupations requiring less than a Baccalaureate Degree	Occupations Requiring Baccalaureate Degree	Occupations requiring more than a Baccalaureate Degree
	Costume attendant Demonstrators Entrepreneur Interior decorator Product promoters Seamstress/Tailor	Apparel designer Costume designer Decorating consultant Entrepreneur Family and consumer sciences teacher Field merchandising representative	Interior design coordinator Interior design professors Landscape architects Civil drafters Commercial designers Industrial designers
NUTRITION CAREERS	Occupations requiring less than a Baccalaureate Degree	Occupations Requiring Baccalaureate Degree	Occupations requiring more than a Baccalaureate Degree
	Dietary manager Family and community services worker Food service worker Health club worker Human services specialist/assistant Nutritionist	Biochemist Community service worker Food scientist Health educators Human development consultant Registered dietitian	Advanced foods and nutrition researcher Allergist/Immunologist Holistic nutrition Nutrition professor

# SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS CLUSTER



## National Pathway – Science and Mathematics South Carolina Program: FOOD SCIENCE AND DIETETICS



<p><b>Program Description</b> Food Science and Dietetics is designed to assist students in learning about the physical and chemical changes that occur during processing, packaging, and preservation of foods. Instruction includes nutritional care and education, the planning and provision of food services, the development of consumable food products, life-span nutrition and wellness, the principles of nutritional assessment, and food safety and food composition. Chemistry, biology, physics, nutrition, and psychology are emphasized throughout the course work. Students engage in scientific inquiry and problem solving by measuring, recording, graphing data, writing lab reports, and predicting and evaluating experimental results.</p>						
<p><b>Required Courses</b> (Minimum of <b>four credits</b> required to be a completer.)</p> <p><b>CIP Code: 190501</b></p> <p>Food Science and Dietetics 1 – 5757</p> <p>Food Science and Dietetics 2 – 5758</p> <p><b>(Nontraditional – Males)</b></p>		<p><b>Certification Title/Agency</b></p>  <p><b>49-ServSafe® Food Handler Certification</b> <a href="http://www.servsafe.com/catalog/productlist.aspx?SCID=22&amp;RCID=21">http://www.servsafe.com/catalog/productlist.aspx?SCID=22&amp;RCID=21</a></p> <p><b>A15-ServSafe® Manager Certification</b> <a href="http://www.servsafe.com/manager/food-safety-training-and-certification">http://www.servsafe.com/manager/food-safety-training-and-certification</a></p> <p><b>76-Food Science Fundamentals Assessment/Certification</b> <a href="http://www.aafcs.org/CredentialingCenter/Food_Science_Fundamentals.asp">http://www.aafcs.org/CredentialingCenter/Food_Science_Fundamentals.asp</a></p>				
<p><b>Recommended Electives</b></p> <table border="1"> <tr> <td>Foods and Nutrition 1, 2 Food Processing</td> <td>Sports Nutrition 1, 2 Science, Technology, Engineering, and Mathematics work-based credit – 6890</td> </tr> </table>			Foods and Nutrition 1, 2 Food Processing	Sports Nutrition 1, 2 Science, Technology, Engineering, and Mathematics work-based credit – 6890		
Foods and Nutrition 1, 2 Food Processing	Sports Nutrition 1, 2 Science, Technology, Engineering, and Mathematics work-based credit – 6890					
<p><b>Standards, Student Profile, Course Syllabus</b></p> <p><a href="http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/science-technology-engineering-and-mathematics/#science">http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/career-clusters/science-technology-engineering-and-mathematics/#science</a></p>		<p><b>Career and Technology Student Organization (CTSO)</b></p>  <p>Family, Career, and Community Leaders of America (FCCLA) <a href="http://www.fcclainc.org/">www.fcclainc.org/</a></p>				
<p><b>Teacher Licensure</b> <a href="http://ed.sc.gov/educators/certification/">http://ed.sc.gov/educators/certification/</a></p> <table border="1"> <tr> <td><b>Certif. Code</b></td> <td><b>Acceptable Certification and Mandatory Attendant Training</b></td> </tr> <tr> <td>35</td> <td>Family and Consumer Sciences (Home Economics)</td> </tr> </table>		<b>Certif. Code</b>	<b>Acceptable Certification and Mandatory Attendant Training</b>	35	Family and Consumer Sciences (Home Economics)	<p><b>Labor Market Information 2012-2022</b></p>  <p><b>South Carolina</b></p> <p>Median Salary: \$19.63 hourly, \$40, 820 annually (High Wage)</p> <p>Education Level: Bachelor's degree (High Skill)</p> <p>Projected Growth Rate: Slower than average (+4%)</p> <p><a href="http://www.online.onetcenter.org/link/summary/19-1012.00">www.online.onetcenter.org/link/summary/19-1012.00</a></p>
<b>Certif. Code</b>	<b>Acceptable Certification and Mandatory Attendant Training</b>					
35	Family and Consumer Sciences (Home Economics)					
<p align="center"><b>Career Options</b></p> <p align="center">Careers listed below are a small sampling of the career options that are available</p>						
<p><b>Occupations requiring less than a Baccalaureate Degree</b></p> <p>Food inspector assistant Food product technician Packaging manager Product grader Sales and service manager</p>	<p><b>Occupations Requiring Baccalaureate Degree</b></p> <p>Dietician Food scientist Organic chemist Product developer Research Technician</p>	<p><b>Occupations requiring more than a Baccalaureate Degree</b></p> <p>Food microbiologist Food science professor Research and Development director Research scientist</p>				

## FAMILY AND CONSUMER SCIENCES Professional and Student Organizations



[www.acteonline.org/](http://www.acteonline.org/)

South Carolina Association of Teachers of  
Family and Consumer Sciences (SCATFACS)  
<http://scacte.org/>

“SCATFACS NEEDS YOU!”

[http://www.scacte.org/division\\_scatfacs/scatfacs.html](http://www.scacte.org/division_scatfacs/scatfacs.html)

The Association for Career and Technical Education is the largest national education association dedicated to the advancement of education that prepares youth and adults for careers.



<http://www.aafcs.org/membership/benefits.html>

South Carolina Affiliate of the American Association of  
Family and Consumer Sciences  
<http://scafcs.org/>

“CONNECTING PROFESSIONALS, TOUCHING LIVES”

The mission of the AAFCS is to provide leadership and support for professionals whose work assists individuals, families, and communities in making informed decisions about their well being, relationships, and resources to achieve optimal quality of life.

### INTERNATIONAL FEDERATION OF HOME ECONOMICS (IFHE)



<http://www.ifhe.org/>

The International Federation for Home Economics is the only worldwide organization concerned with Home Economics and Consumer Studies. It was founded in 1908 to serve as a platform for international exchange within the field of Home Economics.

### FAMILY AND CONSUMER SCIENCES CAREER AND TECHNOLOGY STUDENT ORGANIZATION (CTSO) Family, Careers, and Community Leaders of America (FCCLA)

**Contact:** Ginger Hill,  
Executive Secretary,  
State Adviser FCCLA  
[sfccla.hill@gmail.com](mailto:sfccla.hill@gmail.com)

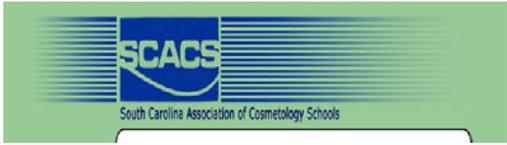


**National Headquarters**  
<http://www.fccla-inc.org/>

Family, Career and Community Leaders of America is a nonprofit national career and technical student organization for young men and women in Family and Consumer Sciences education in public and private school through grade 12.

## COSMETOLOGIST AND BARBER PROFESSIONAL AND STUDENT ORGANIZATIONS

South Carolina Association of Cosmetology Schools (SCACS) is a non-profit organization that is dedicated to serving its members and the beauty industry. SCACS members attend four regularly scheduled meetings per year in order to handle regular association business, plan seminars and competitions, etc. School Member Representatives are expected to attend all scheduled meetings and work together to meet the objectives of the association.



<http://www.scbautyschools.com/schools.html>



It is the mission of the Association of Cosmetology Salon Professionals to build and perpetuate a membership which exists to promote and support professionalism in the Cosmetology, Esthetics and Nail Industries thereby ensuring Leadership through the highest standards of Legislative Reform, Continued Advanced Education, and changing lives through Community Service Outreach.

<http://www.mycosmetology.org/>

### **ACTIVE – ASSOCIATION OF COSMETOLOGY TEACHERS IN VOCATIONAL EDUCATION**

An association founded in 1978 for Cosmetology, Nail Technology, Esthetics Instructors in the secondary public schools/career centers who are certified through the South Carolina Department of Education. Contact Selena Tomlin [selena\\_sst@yahoo.com](mailto:selena_sst@yahoo.com) or 803-943-4676



Inclusively, this organization was founded on behalf of all licensed barbers in the state of South Carolina for the purpose of bringing together a united net of professional barbers with integrity, loyalty, trustworthiness, to educate and train, to be our brothers' keeper, to donate to special charity of choice annually, to render community service to provide a college scholarship fund for graduating seniors in good standard with an economical financial need and above all, stand for righteousness.

<http://palmettostatebarbersassociation.wordpress.com/>

### **CAREER AND TECHNOLOGY STUDENT ORGANIZATION (CTSO)**

#### **SkillsUSA**



<http://www.skillsusa.org/>

<http://scskillsusa.org/>

SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. SkillsUSA helps each student excel.

## Definitions and Websites

<b>Activity Coding System</b>	The Activity Coding System includes the standardized codes for courses, instructional activities, and non-instructional activities used in the student information systems in South Carolina public schools. <a href="http://ed.sc.gov/scdoe/assets/File/CourseActivityCodesFinalNovember2015.pdf">http://ed.sc.gov/scdoe/assets/File/CourseActivityCodesFinalNovember2015.pdf</a>
<b>CATE Course Catalog</b>	A listing of Career and Technology Education courses categorized by career clusters. <a href="http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/cate-programs/">http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/cate-programs/</a>
<b>CATE Curriculum Standards</b>	Course standards are categorized by career clusters <a href="http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/cate-course-standards/">http://ed.sc.gov/instruction/career-and-technology-education/programs-and-courses/cate-course-standards/</a>
<b>CIP Code – six digit code</b>	The Classification of Instructional Programs (CIP) code designates the specific CATE program and is used for federal reporting. Every student identified as a concentrator must be assigned a CIP code.
<b>Career Cluster</b>	A <b>career cluster</b> is a grouping of occupations and broad industries based on commonalities. <a href="http://www.careertech.org/career-clusters/">http://www.careertech.org/career-clusters/</a>
<b>Completer</b>	A secondary student with an assigned Classification of Instructional Programs (CIP) code who has earned <b>all</b> of the required units in a state recognized CATE program.
<b>Educator Certifications</b>	Office of Educator Services provides information regarding educator certifications. <a href="http://ed.sc.gov/educators/certification/">http://ed.sc.gov/educators/certification/</a>
<b>EIA Equipment Monies and Perkins funds</b>	Check the <a href="#">Guidelines for the Expenditure of Career and Technology Education Funds</a> document for allowable expenditures for EIA equipment and Perkins funds. <a href="http://ed.sc.gov/scdoe/assets/File/programs-services/137/documents/GuidelinesExpenditureCATEFunds-FY16.pdf">http://ed.sc.gov/scdoe/assets/File/programs-services/137/documents/GuidelinesExpenditureCATEFunds-FY16.pdf</a>
<b>Local Plan</b>	The Carl D. Perkins Career and Technical Education Act of 2006 (Perkins IV) requires all eligible recipients (districts and multi-district centers) to submit an application (Local Plan) in May of each year outlining the use of federal funds awarded under this law.
<b>Online Job Shadows MicroCareerBursts®</b>	<a href="#">MicroCareerBursts</a> provides an interactive approach that engages students and professionals with exciting, interactive tools and customized e-learning content to meet both educational and business clients' training needs. Log in with your SCOIS user name and password. <a href="http://microburstlearning.org/">http://microburstlearning.org/</a>
<b>Online Graduate FACS courses</b>	Great Plains IDEA consists of universities accredited by a regional accrediting agency recognized by the USDE. <a href="http://www.hsidea.org/programs/fcsed/">http://www.hsidea.org/programs/fcsed/</a>
<b>Online Professional Development</b>	eLearningSC provides high-quality online professional development through both renewal and graduate courses for certified educators in South Carolina to use towards certification renewal, add-on endorsements, and technology proficiency. <a href="http://www.elearningscpd.com/portal/index.php/about/guidelines/">http://www.elearningscpd.com/portal/index.php/about/guidelines/</a>
<b>Perkins IV Terminology</b>	<b>High Demand Criteria:</b> Occupations having at least the median number of total (growth plus replacement) openings for statewide; and employment equal to or greater than 100; and the state's employment percent change of 16.2%. <b>High Wage Criteria:</b> Occupations paying at least or more than the all-industry, all-ownership mean wage of \$16.04 hourly (\$33,360 annually) for statewide. <b>High Skill Criteria:</b> Those occupations with a minimum educational requirement of an Associate degree or higher.
<b>Quality Review Measures</b>	<a href="#">Quality Review Measures</a> provide guidance and direction to school districts and multidistrict career centers in establishing, maintaining, and evaluating CATE programs. <a href="http://ed.sc.gov/instruction/career-and-technology-education/cate-administration/quality-review-measures/">http://ed.sc.gov/instruction/career-and-technology-education/cate-administration/quality-review-measures/</a>
<b>Renewal Credit Matrix</b>	Professional development options for South Carolina Educators <a href="http://ed.sc.gov/scdoe/assets/File/educators/certification/forms/renewalmatrix2016.pdf">http://ed.sc.gov/scdoe/assets/File/educators/certification/forms/renewalmatrix2016.pdf</a>
<b>Required Credentials for Professional Staff</b>	A tabular listing of most district office, school positions and professional instructional staff with the course name and certification code for each specific course <a href="http://ed.sc.gov/educators/certification/">http://ed.sc.gov/educators/certification/</a>
<b>State and federal educational laws and regulations</b>	<a href="http://ed.sc.gov/policy/education-laws-legislation/educational-laws-and-regulations/">http://ed.sc.gov/policy/education-laws-legislation/educational-laws-and-regulations/</a>
<b>Student Reporting Procedures Guide</b>	The Office of Career and Technology Education's official guide <a href="http://ed.sc.gov/instruction/career-and-technology-education/performance-accountability/cate-data-collection-and-reporting/">http://ed.sc.gov/instruction/career-and-technology-education/performance-accountability/cate-data-collection-and-reporting/</a>

# Office of Career and Technology Education

803-734-8410

<http://ed.sc.gov/instruction/career-and-technology-education/>

## Ronald Roveri, Director

[rroveri@ed.sc.gov](mailto:rroveri@ed.sc.gov)

Office: 803-734-8412

Mobile: 803-627-3789

## Program Support Contacts

Agriculture, Food and Natural Resources	William E. Keels 803-896-8873 <a href="mailto:wkeels@clemsun.edu">wkeels@clemsun.edu</a>
Arts, Audio-Video Technology and Communications Science, Technology, Engineering and Mathematics Transportation, Distribution and Logistics	B. T. Martin 803-734-3398 <a href="mailto:btmartin@ed.sc.gov">btmartin@ed.sc.gov</a>
Architecture and Construction Law, Public Safety, Corrections and Security Manufacturing	Steven Watterson 803-734-8267 <a href="mailto:SWatterson@ed.sc.gov">SWatterson@ed.sc.gov</a>
Business Management and Administration Finance Information Technology Marketing	Tony Dillon 803-734-7168 <a href="mailto:tdillon@ed.sc.gov">tdillon@ed.sc.gov</a>
Arts, Audio-Video Technology and Communications Education and Training Hospitality and Tourism Human Services/Family and Consumer Sciences Science, Technology, Engineering and Mathematics	Eleanor Glover Gladney, PhD 803-734-3826 <a href="mailto:eglover@ed.sc.gov">eglover@ed.sc.gov</a>
Health Science	Angel Clark 803-734-0372 <a href="mailto:aclark@ed.sc.gov">aclark@ed.sc.gov</a>
Career Guidance Work-Based Learning	Kama Staton 803-734-8415 <a href="mailto:KStaton@ed.sc.gov">KStaton@ed.sc.gov</a>