# Department of Family and Consumer Sciences

**Department Head:** Dr. Debra K. Goodwin  
215 East Mason Hall

Accredited by the American Association of Family and Consumer Sciences

- Family and Consumer Sciences Education (Bachelor of Science in Education) ([catalog.jsu.edu/undergraduate/education/family-consumer-sciences/family-consumer-sciences-education-bs/](catalog.jsu.edu/undergraduate/education/family-consumer-sciences/family-consumer-sciences-education-bs/))
- Business Marketing Education (Bachelor of Science in Education) ([catalog.jsu.edu/undergraduate/education/family-consumer-sciences/teaching-field-business-marketing-education-bsed/](catalog.jsu.edu/undergraduate/education/family-consumer-sciences/teaching-field-business-marketing-education-bsed/))
- Family and Consumer Sciences - Child Development (Bachelor of Science) ([catalog.jsu.edu/undergraduate/education/family-consumer-sciences/family-consumer-sciences-child-development-bs/](catalog.jsu.edu/undergraduate/education/family-consumer-sciences/family-consumer-sciences-child-development-bs/))
- Family and Consumer Sciences - Merchandising (Bachelor of Science) ([catalog.jsu.edu/undergraduate/education/family-consumer-sciences/family-consumer-sciences-merchandising-bs/](catalog.jsu.edu/undergraduate/education/family-consumer-sciences/family-consumer-sciences-merchandising-bs/))
- Family and Consumer Sciences - Dietetics (Bachelor of Science) ([catalog.jsu.edu/undergraduate/education/family-consumer-sciences/family-consumer-sciences-dietetics-bs/](catalog.jsu.edu/undergraduate/education/family-consumer-sciences/family-consumer-sciences-dietetics-bs/))
- Family and Consumer Sciences - Community Nutrition (Bachelor of Science) ([catalog.jsu.edu/undergraduate/education/family-consumer-sciences/family-consumer-sciences-community-nutrition-bs/](catalog.jsu.edu/undergraduate/education/family-consumer-sciences/family-consumer-sciences-community-nutrition-bs/))
- Family and Consumer Sciences - Hospitality and Culinary Management (Bachelor of Science) ([catalog.jsu.edu/undergraduate/education/family-consumer-sciences/hospitality-culinary-management-bs/](catalog.jsu.edu/undergraduate/education/family-consumer-sciences/hospitality-culinary-management-bs/))
- Family and Consumer Sciences Minor ([catalog.jsu.edu/undergraduate/education/family-consumer-sciences/family-consumer-sciences-minor/](catalog.jsu.edu/undergraduate/education/family-consumer-sciences/family-consumer-sciences-minor/))
- Child Development Minor ([catalog.jsu.edu/undergraduate/education/family-consumer-sciences/child-development-minor/](catalog.jsu.edu/undergraduate/education/family-consumer-sciences/child-development-minor/))
- Fashion Merchandising Minor ([catalog.jsu.edu/undergraduate/education/family-consumer-sciences/fashion-merchandising-minor/](catalog.jsu.edu/undergraduate/education/family-consumer-sciences/fashion-merchandising-minor/))
- Nutrition and Foods Minor ([catalog.jsu.edu/undergraduate/education/family-consumer-sciences/nutrition-foods-minor/](catalog.jsu.edu/undergraduate/education/family-consumer-sciences/nutrition-foods-minor/))

## Family and Consumer Sciences

**FCS 122 Fundamentals of Food Preparation and Meal Management (3)**
Lecture and laboratory experiences. Introduction to the study of food, including selection, principles of preparation, evaluation of food products, survey of the market place and management of resources in the preparation and serving of food.

**FCS 131 Clothing Construction (3)**

**FCS 132 Culinary Science (3)**
Prerequisite(s): FCS 122.
An introduction to the study of commercial food production including fundamental cooking techniques, knife and hand-tool skills, flavor affinities, and visually pleasing culinary presentations.

**FCS 200 Seminar in Family and Consumer Sciences (2)**
The philosophical base of family and consumer sciences and issues affecting the professions. Emphasis on managing the challenges of living and working in a diverse global society. Preparation of students for success including resume-writing, professional presentations, and the development of communication skills.

**FCS 215 Introductory Nutrition (3)**
Introduction to the principles of nutrition including nutrient requirements for individuals of all ages.

**FCS 223 The Science of Service Quality (2)**
An introduction to the service quality concept, particularly as it relates to the hospitality industry. Course content will provide theories and principles of service quality, along with definitions and key concepts.

**FCS 232 Textiles (3)**
Textile fabrics, their composition, structure and use along with weaves, finishes and care. Natural and manmade fibers used in clothing.

**FCS 301 Career Paths in Dietetics (1)**
Prerequisite(s): Junior Status.
A survey of the career paths in dietetics and the process for entering the field.

**FCS 322 Normal Nutrition (3)**
Prerequisite(s): CY 115 and BY 263.
Application of fundamentals of human nutrition including various nutrients and requirements for different individuals and groups.

**FCS 323 Experimental Foods (3)**
Prerequisite(s): FCS 122.
Lecture and laboratory experiences. The advanced study of food including the physical and chemical properties of food and factors affecting the quality of standard food products.

**FCS 325 Quantity Food Production (3)**
Prerequisite(s): FCS 122.
Lectures and laboratory experiences. Introduction to institutional preparation and service of food, equipment operation and maintenance, menu planning and recipe standardization.

**FCS 326 Food Safety and Sanitation (3)**
Prerequisite(s): 4 hours of Natural Sciences and FCS 122.
An introduction to foodborne illnesses, safe food preparation practices, microbiological considerations for specific foodservice systems, and regulatory laws for foodservice establishments.
FCS 327 Nutrition in the Life Cycle (3)
Prerequisite(s): FCS 215 or 322.
How age, growth and normal development influence the nutritional requirements for individuals at each stage of the life cycle.

FCS 328 Career Paths in Nutrition and Dietetics (1)
Prerequisite(s): FCS 122 and FCS 322.
(1). A survey of the careers in nutrition and dietetics. Students will complete the Nutrition Career Assessment Exam for assessment into the upper level division of Dietetics.

FCS 330 Braids, Trims, and Stitchery (3)
The use of individuality in creating unusual trims and accessories for dress.

FCS 331 Fashion Fundamentals and Merchandising (3)
Prerequisite(s): Sophomore status.
Organization and structure of the fashion industry with emphasis on retailing, sources of information, and fashion trends.

FCS 332 Social Cultural Aspects of Apparel (3)
Overview of social, psychological, and cultural aspects of apparel.

FCS 333 Family Clothing (3)
Prerequisite(s): Planning, selection, purchasing and care of family clothing.

FCS 335 Visual Merchandising (3)
Prerequisite(s): Sophomore status.
Design principles applied to various display needs. Investigation and practical experience in planning, executing, and evaluation of 2-D and 3-D displays for commercial, educational, and other needs.

FCS 337 Methods of Nutritional Assessment (3)
Prerequisite(s): FCS 322.
A discussion of the profession and practice of dietetics. Emphases are placed on the methods and procedures of the Nutritional Care Process including the collection and analysis of biochemical, clinical, and dietary data, and the design of nutritional care plans.

FCS 338 Community Nutrition (3)
Prerequisite(s): FCS 215 or 322.
Application of community nutrition strategies to health care problems and exploration of approaches useful in the design and evaluation of these programs.

FCS 339 Professional Communications in Family and Consumer Sciences (2)
The fundamentals of communication skills essential for professions related to the field of Family and Consumer Sciences. Emphasis on materials and methods necessary for satisfactory communication.

FCS 343 Virtual Merchandising (3)
Design principles applied to various promotional and presentation tools such as displays, brochures, and bulletin boards. This course will focus on the investigation and practical experience in planning, executing, and evaluation of displays for commercial, educational, and other needs.

FCS 350 Lifespan Human Development (3)
Overview of physical, intellectual, social, and emotional development from conception to death. Practical application of information to life stages and outside observations will be included.

FCS 351 The Developing Child (3)
Development and guidance of young children from infancy through the school years. Not available to students in the traditional Child Development Concentration.

FCS 352 Child Growth and Development (2)
Prerequisite(s): Approval of instructor.
May be duplicated for credit for a total of six (6) semester hours. Practical experiences in foodservice management obtained in approved institutions. Must be planned in advance.

FCS 353 Child Growth and Development Laboratory (1)
Taken concurrently with FCS 352. Two hours per week. Methods of guidance of young children, ages three and four.

FCS 354 Career Paths in Human Sciences (2)
This course explores various career pathways such as Cooperative Extension, Social Services, entrepreneurship, human resources, possibilities in educational systems, and more. Students will also examine the history of human sciences and how the broad-based FCS curriculum prepares them for a number of career pathways.

FCS 355 Family Life Education (3)
A study of family relations and the skills needed to function within the family setting. Emphasis on interpersonal communication, conflict resolution, and parenting.

FCS 360 Contemporary Issues in Human Development (3)
Current topics in the areas of child and/or family development.

FCS 371 Management of Family Resources (3)
Prerequisite(s): Sophomore status.
Focuses on the practical application of management principles for use of resources to maximize individual and family quality of life.

FCS 420 Medical Nutrition Therapy I (3)
Prerequisite(s): FCS 337 and 322.
The study of relationships between diseases and nutrition. Application of assessment techniques and alternative feeding modalities in medical/nutritional case studies.

FCS 421 Medical Nutrition Therapy II (3)
Prerequisite(s): FCS 420.
A continuation of Medical Nutrition Therapy I. The study of relationships between diseases and nutrition. Application of assessment techniques and alternative feeding modalities in medical/nutritional case studies.

FCS 422 Foodservice Management (3)
Prerequisite(s): FCS 122 and MGT 301.
Management techniques and functions in foodservice with emphasis on personnel management, materials management and systems approach to foodservice management.

FCS 425 Practicum in Foodservice Management (3)
Prerequisite(s): Approval of instructor.
May be duplicated for credit for a total of six (6) semester hours. Practical experiences in foodservice management obtained in approved institutions. Must be planned in advance.

FCS 427 Special Problems in Family and Consumer Sciences (3)
Prerequisite(s): Senior Status and approval of instructor.
May be duplicated for credit for a total of six (6) semester hours. Individual work in selected area.

FCS 428 International Foods (3)
Prerequisite(s): FCS 122 and Junior Status.
Lecture and laboratory experiences. Study of food practices, preparation and service of dishes typical of countries around the world.

FCS 429 Advanced Nutritional Metabolism (3)
Normal nutrition metabolism and an overview of aberrations in normal metabolism as affected by diseases.
FCS 430 Senior Experiences in Fashion Merchandising (3)
Prerequisite(s): Senior Status and approval of instructor.
Field experiences in merchandising. May be duplicated for credit for a total of six (6) semester hours.

FCS 431 Textiles and Apparel in the Global Economy (3)
Prerequisite(s): FCS 331 and Junior Status.
Role of fiber, textile, and apparel industries in the international economy. Current issues related to fashion merchandising in the global economy.

FCS 432 History of Fashion (3)
Prerequisite(s): Junior Status.
The development of fashion throughout history, with an investigation of the influence of sociological, psychological, economic and cultural factors.

FCS 434 Apparel Design (3)
Prerequisite(s): FCS 131, 232, and 331.
Overview of the fashion design and manufacturing process. Examination of fashion illustration, methods of apparel design, creation of an apparel line and practical experiences in apparel design.

FCS 435 Merchandise Planning and Analysis (3)
Prerequisite(s): MS 112, FCS 331, and Junior Status.
Application of principles of merchandise management and retail buying to the merchandising of textiles and apparel and accessories.

FCS 436 Principles of Culinary Management (3)
Prerequisite(s): FCS 122, FCS 132, and MGT 301.
The study of the evolution of the hospitality industry and how it is currently stratified. Organizational systems, management, and career opportunities/salaries will be examined. Hospitality service management is viewed from both a consumer and business perspective.

FCS 441 Practicum in Hospitality and Tourism (3)
Prerequisite(s): Approval of instructor.
Practical culinary and tourism experiences in the hospitality industry. May be duplicated for credit for a total of six (6) semester hours.

FCS 448 Alternative Medicine and Dietary Supplements (3)
Prerequisite(s): FCS 322, FCS 324, and Junior Status.
Advanced study of the safety and efficacy of herbal and dietary supplements; mechanisms of action including potential drug/herbal/nutrient interactions; evaluation and regulation of health claims.

FCS 450 Curriculum Planning in Child Development (3)
Prerequisite(s): Junior Standing, FCS 352, FCS 353.
Planning a developmentally appropriate curriculum for a child care program.

FCS 452 Overview of Advanced Child Development (Infant through 5) (3)
Prerequisite(s): Junior Status and FCS 351 or 352/353.
Study of the biological and environmental influences on development from infancy through age 5. Examine theories, research, the family context, school context, and the impact of diverse family experiences. Not available to students in the traditional or on-line Child Development concentrations.

FCS 453 Parent-Child Relations (3)
Prerequisite(s): Junior status and FCS 351 or FCS 352/353.
Study of the dynamics and reciprocal nature of parent-child relationships, including internal and environmental forces that impact interactions between parents and children.

FCS 454 Administration and Supervision in Child Care Programs (3)
Prerequisite(s): Junior standing, FCS 351 or FCS 352/353, FCS 450 and approval of the instructor.
The planning, implementing, and evaluating of a child care program.

FCS 456 Advanced Child Development I (Infant and Toddler Development) (3)
Prerequisite(s): Junior status.
FCS 352, FCS 353. Study of the biological and environmental influences on development from infancy to toddlerhood. Examine theories, research, and the family context.

FCS 457 Advanced Child Development II (Ages 3 through 5) (3)
Prerequisite(s): Junior Status and FCS 352 and 353.
Study of biological and environmental influences on development from toddlerhood through age five. Examine theories, research, the family context, school context, and the impact of diverse family experiences.

FCS 458 Research and Statistical Methods in FCS (3)
Prerequisite(s): Junior Status.
Methods and basic skills for conducting, analyzing, and interpreting research.

FCS 459 Family Interaction (3)
Prerequisite(s): Junior Status and FCS 351 or 352/353.
Study of various theories of family interaction, with an emphasis on understanding the family as a system.

FCS 460 Directed Field Experiences (6)
Prerequisite(s): Completion of general studies, professional and concentration courses, and approval of academic advisor.
Supervised experiences in a community child care setting with observation and participation in approved programs for children.

FCS 463 Directed Field Experiences for Child Development Minors (3)
Prerequisite(s): Completion of general studies, professional and concentration courses, and approval of academic advisor.
Supervised experiences in a community child care setting with observation and participation in approved programs for children. Not available to students in the traditional or on-line Child Development concentrations.

FCS 464 Practicum in Human Sciences (3)
Prerequisite(s): Completion of all content coursework.
The practicum must be taken the last semester of the student's senior year. Field observations and experiences in agencies or organizations that provide services in a Human Sciences field and must be an approved site.

FCS 471 Family Housing and Interiors (3)
Prerequisite(s): Junior Status.
An overview of present-day family housing needs including location, space needs, house construction and selection, alternative housing, and home furnishings.

FCS 472 Creative Expressions in Home Furnishings (3)
Selection and use of household fabrics and materials including the design and construction of home furnishings and accessories.
Career/Technical Education

CTE 350  Professional and Technical Competency for Career and Technical Education  (3)
Prerequisite(s): TEC 201 or CS 201.
Technical skills needed to teach, organize, and maintain career and technical programs in middle and secondary schools. Professional skills needed to secure and maintain employment in CTE. Includes both on-campus and off-site practicum experiences. A minimum of twenty-five practicum hours are required to pass this course. Eight hours of non-educational job-shadowing and/or experience are required. Objectives within this course meet the Alabama State Board of Education knowledge and ability rules, NCATE-affiliated specialty organizations, guidelines, and institutional standards.

CTE 362  Principles of Career Technical Education  (3)
Requires Teacher Education Program eligibility. History, philosophy, trends, and issues of career and technical education programs in middle and secondary schools. Includes needs assessment, curriculum planning, and implementation of programs.

CTE 383  Curriculum and Literacy  (3)
Prerequisite: Requires Teacher Education Program eligibility. This course addresses both curriculum and content literacy for Career & Technical Education programs. Course will substitute for ESE 383 for BME majors and FCS education majors only.

CTE 444  Assessment of Learning for Career and Technical Education  (3)
This course is an introduction to developmentally appropriate evaluation of teaching and learning at the secondary level for Career and Technical programs. Requires Teacher Education Program eligibility.

CTE 460  Practicum in CTE/FCS  (3)
Prerequisite(s): CTE 350.
Corequisite(s): 461.
Directed experiences including observation and participation in career technical education programs and classrooms. Provides an opportunity to observe and apply theories and concepts. Seminars will be held in conjunction with this course. Must be taken concurrently with CTE 461. Requires Teacher Education Program eligibility.

CTE 461  Effective Teaching of CTE  (3)
Planning and implementation of instructional methods and materials in secondary career technical education, nutrition education and community education programs. Field experiences. Requires Teacher Education Program eligibility.

CTE 475  Functions of the Coordinator  (3)
Objectives within this course meet the Alabama State Board of Education knowledge and ability rules, NCATE - affiliated specialty organizations, guidelines, and institutional standards. From the Alabama Work-Based Learning Manual (November 23, 2009): Cooperative education is supervised by a teacher who holds a Class B or higher certificate in CTE, has taken the Functions of the Coordinator or Principles of Coordination coursework, and who completes two hours of Child Labor training annually.

Professor
Goodwin, Debra (catalog.jsu.edu/undergraduate/faculty-admin/faculty/#goodwin97)

Assistant Professor
Frazier, Jeannie (catalog.jsu.edu/undergraduate/faculty-admin/faculty/#frazier85)

Instructor
Boggs, Robbie (catalog.jsu.edu/undergraduate/faculty-admin/faculty/#boggs31)
Marsh, Jill (catalog.jsu.edu/undergraduate/faculty-admin/faculty/#marsh178)
Murray, Jada (catalog.jsu.edu/undergraduate/faculty-admin/faculty/#murray204)