

## **ASTE Department Learning Objectives**

After completing the program in Agricultural Systems Technology and Education at Utah State University, our students will be able to:

- A. Become familiar with the formal and informal aspects of agricultural, family and consumer sciences education as a career;
- B. Explore the diversity of career types and industries in agricultural, family and consumer sciences education through internships, clinical experiences, and student teaching;
- C. Demonstrate valid techniques in the development of community based agricultural, family and consumer sciences education programs;
- D. Integrate technical agricultural science, technology, and management concepts into the comprehensive design of a localized agricultural, family and consumer sciences education program;
- E. Demonstrate teaching competency in a student teaching site under the direction of a mentoring teacher and assessment by professors in the ASTE department;
- F. Evaluate instruction in agricultural, family and consumer sciences education through criterion-referenced techniques using USOE teaching procedures;
- G. Design performance assessment systems based upon stated learning/program objectives; and
- H. Utilize contemporary instruction materials to guide instruction.

## **Secondary Education Department Learning Objectives**

The goal of this program is to provide students with the professional knowledge and teaching skills to complement the content knowledge acquired in general education and in teaching majors and minors. Successful completion of this program enables students to be recommended for secondary teacher licensure (grades 6-12) in Utah.

### Objectives

- A. Students will acquire and demonstrate knowledge related to twelve principles (Appendix A) in the several courses that constitute the Professional Education Framework;
- B. Students will articulate democratic values consistent with American education and will provide evidence of a strong commitment to the well-being of youth in our society;
- C. Students will participate in on-campus teaching simulations as well as 60 hours of clinical experience in middle school and high school settings preceding student teaching;
- D. Students will first prepare a comprehensive Professional Portfolio based on their course work and clinical experience at Levels 1 and 2, then pass a Portfolio Interview; and
- E. Students will successfully meet the requirements for secondary student teaching and for the professional seminar that accompanies this experience.

**National Comprehensive and Content Standards**  
**For Family and Consumer Sciences Education**

Developed with input from thousands of family and consumer sciences educators, other FACS professionals, and representatives of FACS businesses and industry, the national standards provide a strong and clear conceptualization of family and consumer sciences.

**1.0 CAREER, COMMUNITY, AND FAMILY CONNECTIONS – Integrate multiple life roles and responsibilities in family, career, and community.**

- 1.1 Analyze strategies to manage multiple individual, family, career, and community roles and responsibilities.
- 1.2 Demonstrate transferable and employability skills in community and workplace settings.
- 1.3 Analyze the reciprocal impact of individual and family participation in community activities.

**2.0 CONSUMER AND FAMILY RESOURCES – Evaluate management practices related to the human, economic, and environmental resources.**

- 2.1 Demonstrate management of individual and family resources, including food, clothing, shelter, health care, recreation, and transportation.
- 2.2 Analyze the relationship of the environment to family and consumer resources.
- 2.3 Analyze policies that support consumer rights and responsibilities.
- 2.4 Evaluate the impact of technology on individual and family resources.
- 2.5 Analyze interrelationship between the economic system and consumer actions.
- 2.6 Demonstrate management of financial resources to meet the goals of individuals and families across the life span.

**3.0 CONSUMER SERVICES – Integrate knowledge, skills, and practices required for careers in consumer services.**

- 3.1 Analyze career paths within consumer service industries.
- 3.2 Analyze factors that impact consumer advocacy.
- 3.3 Analyze factors in developing a long-term financial management plan.
- 3.4 Analyze resource consumption for conservation and waste management practices.
- 3.5 Demonstrate skills need for product development, testing, and presentation.

**4.0 EARLY CHILDHOOD, EDUCATION, AND SERVICES - Integrate knowledge, skills, and practices required for careers in early childhood, education, and services.**

- 4.1 Analyze career paths within early childhood, education and services.
- 4.2 Utilize developmentally appropriate practices and other child development theories when planning for early childhood, education, and services.
- 4.3 Demonstrate integration of curriculum and instruction to meet children's developmental needs and interests.
- 4.4 Demonstrate a safe and healthy learning environment for children.
- 4.5 Demonstrate techniques for positive collaborative relationships with children.
- 4.6 Demonstrate professional practices and standards related to working with children.

**5.0 FACILITIES MANAGEMENT AND MAINTENANCE – Integrate knowledge, skills, and practices required for careers in facilities management and maintenance.**

- 5.1 Analyze career paths within facilities management and maintenance areas.
- 5.2 Demonstrate planning, organizing, and maintaining an efficient housekeeping operation.
- 5.3 Demonstrate sanitation procedures for a clean and safe environment.
- 5.4 Apply hazardous materials and waste management procedures.
- 5.5 Demonstrate a work environment that provides safety and security.
- 5.6 Demonstrate appropriate laundering processes.
- 5.7 Demonstrate facilities management functions.

**6.0 FAMILY - Evaluate the significance of family and its impact on the well-being of individuals and society.**

- 6.1 Analyze the impact of family as a system on individuals and society.
- 6.2 Demonstrate appreciation for diverse perspectives, needs, and characteristics of individuals and families.

**7.0 FAMILY AND COMMUNITY SERVICES – Integrate knowledge, skills, and practices required for careers in family and community services.**

- 7.1 Analyze career paths within family and community services.
- 7.2 Analyze factors related to providing family and community services.
- 7.3 Demonstrate professional behaviors, skills, and knowledge in providing family and community services.
- 7.4 Evaluate conditions affecting individuals and families with a variety of disadvantaging conditions.
- 7.5 Identify services for individuals and families with a variety of disadvantaging conditions.

**8.0 FOOD PRODUCTION AND SERVICES – Integrate knowledge, skills, and practices required for careers in food production and services.**

- 8.1 Analyze career paths within the food production and food services industries.
- 8.2 Demonstrate food safety and sanitation procedures.
- 8.3 Demonstrate selecting, using, and maintaining food production equipment.
- 8.4 Demonstrate planning menu items based on standardized recipes to meet customer needs.
- 8.5 Demonstrate commercial preparation for all menu categories to produce a variety of food products.
- 8.6 Demonstrate implementation of food service management functions.
- 8.7 Demonstrate the concept of internal and external customer service.

**9.0 FOOD SCIENCE, DIETETICS, AND NUTRITION - Integrate knowledge, skills, and practices required for careers in food science, dietetics, and nutrition.**

- 9.1 Analyze career paths within the food science, dietetics, and nutrition industries.
- 9.2 Apply risk management procedures to food safety, food testing, and sanitation.
- 9.3 Evaluate nutrition principles, food plans, preparation techniques, and specialized dietary plans.

- 9.4 Demonstrate basic concepts of nutritional therapy.
- 9.5 Demonstrate use of current technology in food product development and marketing.
- 9.6 Demonstrate food science, dietetic, and nutrition management principles and practices.

**10.0 HOSPITALITY, TOURISM, AND RECREATION – Integrate knowledge, skills, and practices required for careers in hospitality, tourism, and recreation.**

- 10.1 Analyze career paths within the hospitality, tourism, and recreation industries.
- 10.2 Demonstrate procedures applied to safety, security, and environmental issues.
- 10.3 Apply concepts of service to meet customer expectations.
- 10.4 Demonstrate practices and skills involved in lodging occupations.
- 10.5 Demonstrate practices and skills for travel related services.
- 10.6 Demonstrate management of recreation, leisure, and other programs and events.

**11.0 HOUSING, INTERIORS AND FURNISHINGS – Integrate knowledge, skills, and practices required for careers in housing, interiors, and furnishings.**

- 11.1 Analyze career paths within the housing, interiors, and furnishings industry.
- 11.2 Evaluate housing decisions in relation to available resources and options.
- 11.3 Evaluate the use of housing and interior furnishing and products in meeting specific design needs.
- 11.4 Demonstrate computer-aided drafting design, blueprint reading, and space planning skills required for the housing, interiors, and furnishings industry.
- 11.5 Analyze influences on architectural and furniture design and development.
- 11.6 Evaluate client's needs, goals, and resources in creating design plans for housing, interiors, and furnishings.
- 11.7 Demonstrate design ideas through visual presentation.
- 11.8 Demonstrate general procedures for business profitability and career success.

**12.0 HUMAN DEVELOPMENT – Analyze factors that impact human growth and development.**

- 12.1 Analyze principles of human growth and development across the life span.
- 12.2 Analyze conditions that influence human growth and development
- 12.3 Analyze strategies that promote growth and development across the life span.

**13.0 INTERPERSONAL RELATIONSHIPS – Demonstrate respectful and caring relationships in the family, workplace, and community.**

- 13.1 Analyze functions and expectations of various types of relationships.
- 13.2 Analyze personal needs and characteristics and their impact on interpersonal relationships.
- 13.3 Demonstrate communication skills that contribute to positive relationships.
- 13.4 Evaluate effective conflict prevention and management techniques.
- 13.5 Demonstrate teamwork and leadership skills in the family, workplace, and community.
- 13.6 Demonstrate standards that guide behavior in interpersonal relationships.

**14.0 NUTRITION AND WELLNESS – Demonstrate nutrition and wellness practices that enhance individual and family well-being.**

- 14.1 Analyze factors that influence nutrition and wellness practices across the life span.
- 14.2 Evaluate the nutritional needs of individuals and families in relation to health and wellness across the life span.
- 14.3 Demonstrate ability to acquire, handle, and use foods to meet nutrition and wellness needs of individuals and families across the life span.
- 14.4 Evaluate factors that affect food safety, from production through consumption.
- 14.5 Evaluate the impact of science and technology on food composition, safety, and other issues.

**15.0 PARENTING - Evaluate the impact of parenting roles and responsibilities on strengthening the well-being of individuals and families.**

- 15.1 Analyze roles and responsibilities of parenting.
- 15.2 Evaluate parenting practices that maximize human growth and development.
- 15.3 Evaluate external support systems that provide services for parents.
- 15.4 Analyze physical and emotional factors related to beginning the parenting process.

**16.0 TEXTILES AND APPAREL – Integrate knowledge, skills, and practices required for careers in textiles and apparel.**

- 16.1 Analyze career paths within the textiles and apparel design industry.
- 16.2 Evaluate fiber and textiles materials.
- 16.3 Demonstrate apparel and textiles design skills.
- 16.4 Demonstrate skills needed to produce, alter, or repair textiles products and apparel.
- 16.5 Evaluate elements of textiles and apparel merchandising.
- 16.6 Evaluate the components of customer service.
- 16.7 Demonstrate general operational procedures required for business profitability and career success.