

CTE - CIP Course Details Catalog

Cluster: Human Services

CIP: 19.0501 - Foods, Nutrition, and Wellness Studies, General. (Non Traditional - Male)

Status: Open Start Year: 2011 End Year:

Group 1 - Orientation Courses: Exploratory coursework, could be offered at the secondary level or prior-to-secondary in 7th or 8th grade.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19001A001	Human Services Career Exploration	3.00	2021	
22151A001	Career Exploration	1.00	2021	

Group 2 - Introductory Courses: Introductory coursework for the program of study.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19251A001	Introduction to Family and Consumer Sciences Careers	3.00	2021	
19259A001	Work and Family Relationships	3.00	2021	
16054A001	Nutrition and Culinary Arts I	3.00	2021	

Group 3 - Skills Courses: More in-depth courses for program concentrators.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19253A001	Nutrition and Wellness	3.00	2021	

Group 4 - Advanced Courses: More advanced courses for learners completing a program of study to allow for specialization.

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19252A001	Food Preparation and Health Management	3.00	2021	
19254A001	Food Science	3.00	2021	

Group 5 - Workplace Experience: Similar model to the existing Cooperative Education coursework that is designed to give students relevant work experience

State Course ID	State Course Title	Max Carnegie Units	Start SY	End SY
19998A002	Nutrition and Wellness Workplace Experience	3.00	2021	
19998A003	Human Services Workplace Experience	3.00	2022	

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Course Descriptions

CIP: 19.0501 - Foods, Nutrition, and Wellness Studies, General.

State Course ID: 22203A001 **Course Title:** Food Science

The scientific method is used to study foods as a combination of chemical, physical and biological sciences. Laboratory skills in measuring, recording, and analyzing data are used to explore the interrelationship of food science to the other sciences; the scientific evaluation of food, matter, electrolyte solutions, energy, nutrition; food safety; and food chemistry. Experimental methods are used to analyze food mixtures, food microbiology, fermentation, sensory processes, the preservation of foods and complex food systems. Technology is studied as it relates to product development, consumer needs and experimental designs. Emphasis is placed on emerging careers in food science and biotechnology and the application of food science in food service, nutrition, dietetics, and product development.

State Course ID: 19001A001 **Course Title:** Human Services Career Exploration

Human Services Career Exploration courses introduce and expose students to the career opportunities pertaining to the provision of personal and consumer services for other human beings. Course topics vary and may include (but are not limited to) caring for others, education, cosmetology, apparel/textiles, entrepreneurship, labor laws, and customer service. Course activities depend upon the careers being explored.

State Course ID: 22151A001 **Course Title:** Career Exploration

Career Exploration courses help students identify and evaluate personal goals, priorities, aptitudes, and interests with the goal of helping them make informed decisions about their careers. These courses expose students to various sources of information on career and training options and may also assist them in developing job search and employability skills.

State Course ID: 16054A001 **Course Title:** Nutrition and Culinary Arts I

This course includes classroom and laboratory experiences needed to develop a knowledge and understanding of culinary principles and nutrition for people of all ages. Course content encompasses: food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health, safety, and sanitation requirements; maximizing resources when planning/preparing/preserving/serving food; applying hospitality skills; analyzing nutritional needs in relation to change; and careers in nutrition and culinary arts, including entrepreneurship investigation.

State Course ID: 16054A002 **Course Title:** Nutrition and Culinary Arts II

Nutrition and Culinary Arts II provides principles of application into the hospitality industry, including nutrition, culinary, and entrepreneurial opportunities. Course content includes the following: selection, purchase, preparation, and conservation of food, dietary needs and trends, regional & international cuisine, safety and sanitation, and careers in food service industries. All of these concepts can be interpreted through laboratory experiences.

State Course ID: 16054A003 **Course Title:** Nutrition and Wellness Occupations

This course will concentrate on expanding student's knowledge and experiences with nutrition concepts, food science, and healthy lifestyles. Nutritional analysis, nutrient functions, food allergies, diet and disease, menu analysis, energy and wellness, meal planning & management, nutritional needs across the life span, impacts of science and technology on nutrition and wellness issues, and food safety and sanitation management are topics covered in this course through theory, projects, and laboratory experiences. Students will gain experience in preparing a variety of communications to teach the importance nutrition and wellness.

State Course ID: 19251A001 **Course Title:** Introduction to Family and Consumer Sciences Careers

This course introduces students to the field of family and consumer sciences and the many career opportunities available in this broad field. The course includes theory and laboratory experiences in the following content areas: Nutrition and culinary arts; textiles and design; family, career, and community leadership development; resource management; human development and life-long learning; facility design, care, and management; and interpersonal relationships and life management skills.

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Course Descriptions

CIP: 19.0501 - Foods, Nutrition, and Wellness Studies, General.

State Course ID: 19259A001 **Course Title:** Work and Family Relationships

Work and Family Relationship is a project-based course that emphasize building and maintaining health interpersonal relationship among families, communities, society, and workplace. These courses often emphasize (but are not limited to) topics such as balancing the responsibilities of a family and career, human sexuality and reproduction, parenthood and the function of the family unit, the family life cycle, life stages, and social interactions and interpersonal relationships. The course uses communication, leadership and management methods to develop knowledge and behaviors necessary for individuals to become independent, contributing, and responsible participants in family, community, and career settings. analyzing personal standards, needs, aptitudes and goals; roles and responsibilities of living independently and as a family member; demonstrating goal-setting and decision-making skills; identifying and utilizing community resources; and developing effective relationships to promote communication with others. The course provides students content to identify resources that will assist them in managing life situations.

State Course ID: 16054A001 **Course Title:** Nutrition and Culinary Arts I

This course includes classroom and laboratory experiences needed to develop a knowledge and understanding of culinary principles and nutrition for people of all ages. Course content encompass: food service and preparation management using the decision-making process; meeting basic needs by applying nutrition concepts; meeting health, safety, and sanitation requirements; maximizing resources when planning/preparing/preserving/serving food; applying hospitality skills; analyzing nutritional needs in relation to change; and careers in nutrition and culinary arts, including entrepreneurship investigation.

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CIP: 19.0501 - Foods, Nutrition, and Wellness Studies, General.

State Course ID: 19253A001 **Course Title:** Nutrition and Wellness

Nutrition and Wellness courses focus on how physical, mental, social, psychological, and emotional wellness are related to food, food selection, and health. Topics typically include dietary needs across one's lifespan, stress management, special dietary issues, and eating disorders as well as societal and genetic health issues that are addressed through the prevention education component of the class. Other topics covered range from healthy food selection, label reading, and diet analysis to understanding additives, making wise food choices, and dealing with food allergies.

State Course ID: 22153A002 **Course Title:** FCS Cooperative Education

Family and Consumer Sciences Cooperative Education is designed for students interested in pursuing careers in occupations in the field family and consumer sciences. Classroom instruction focuses on providing students with workplace skills, post-secondary education opportunities related to the job/career pathway, developing and maintaining positive workplace relationships, planning for the future, legal protection and responsibility, professional organizations, and advancing skills related to the job. Classroom and worksite instruction is based on the duties of the FCS occupation. Students are released from school for their paid cooperative education work experience, participate in 200 minutes per week of related classroom instruction, and supervised on-the-by a qualified instructor ½ hour or more per week per student. A qualified, certified FCS instructor is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student and employer assume compliance with federal, state and local laws and regulations.

State Course ID: 22201A001 **Course Title:** Introduction to Family and Consumer Sciences Careers

This course introduces students to the field of family and consumer sciences and the many career opportunities available in this broad field. The course includes theory and laboratory experiences in the following content areas: Nutrition and culinary arts; textiles and design; family, career, and community leadership development; resource management; human development and life-long learning; facility design, care, and management; and interpersonal relationships and life management skills.

State Course ID: 22153A001 **Course Title:** Cooperative Education

Cooperative Education is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. For skills related to the job, refer to the skill development course sequences, the task list or related occupational skill standards of the desired occupational program. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations.

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CIP: 19.0501 - Foods, Nutrition, and Wellness Studies, General.

State Course ID: 19252A001 **Course Title:** Food Preparation and Health Management

Formerly known as Food and Nutrition, Food Preparation and Health Management courses provide students with an understanding of food's role in society, instruction in how to plan and prepare meals, and information about the nutritional and health benefits of minimizing processed and prepared food and prepackaged/prepared meals from one's diet. These courses not only build on the basic skills of food preparation but also address financial considerations and recipe conversion to make foods healthier. Some courses place a heavier emphasis on a balanced diet, while others concentrate on specific types of food preparation (such as low sodium, low fat, or increased whole foods). These courses will also address current issues such as organic foods and vegan cooking.

State Course ID: 19254A001 **Course Title:** Food Science

The scientific method is used to study foods as a combination of chemical, physical and biological sciences. Laboratory skills in measuring, recording, and analyzing data are used to explore the interrelationship of food science to the other sciences; the scientific evaluation of food, matter, electrolyte solutions, energy, nutrition; food safety; and food chemistry. Experimental methods are used to analyze food mixtures, food microbiology, fermentation, sensory processes, the preservation of foods and complex food systems. Technology is studied as it relates to product development, consumer needs and experimental designs. Emphasis is placed on emerging careers in food science and biotechnology and the application of food science in food service, nutrition, dietetics, and product development.

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Course Descriptions

CIP: 19.0501 - Foods, Nutrition, and Wellness Studies, General.

State Course ID: 19998A002 **Course Title:** Nutrition and Wellness Workplace Experience

Nutrition and Workplace Experience courses provide students with work experience in a field related to the provision of human services. Goals must be set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses must include classroom instruction at least once per week, involving further study of the field, discussion of relevant topics that are responsive to the workplace experience and employability skill development. Workplace Experience courses must be taught by an approved WBL educator-coordinator. These courses should be aligned to a Career Development Experience that could include: Student-led Enterprises; School-based Enterprises; Immersion Supervised Agricultural Experiences; Clinical Experiences in Health Science and Technology programs; Internships; and Apprenticeship programs including Youth Apprenticeships, Pre-apprenticeships, and Registered Apprenticeships.

State Course ID: 22153A001 **Course Title:** Cooperative Education

Cooperative Education is a capstone course designed to assist students in the development of effective skills and attitudes through practical, advanced instruction in school and on the job through cooperative education. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills and career exploration skills related to the job and improving students' abilities to interact positively with others. For skills related to the job, refer to the skill development course sequences, the task list or related occupational skill standards of the desired occupational program. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. A qualified career and technical education coordinator is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student, and employer assume compliance with federal, state, and local laws and regulations.

State Course ID: 22153A002 **Course Title:** FCS Cooperative Education

Family and Consumer Sciences Cooperative Education is designed for students interested in pursuing careers in occupations in the field family and consumer sciences. Classroom instruction focuses on providing students with workplace skills, post-secondary education opportunities related to the job/career pathway, developing and maintaining positive workplace relationships, planning for the future, legal protection and responsibility, professional organizations, and advancing skills related to the job. Classroom and worksite instruction is based on the duties of the FCS occupation. Students are released from school for their paid cooperative education work experience, participate in 200 minutes per week of related classroom instruction, and supervised on-the-by a qualified instructor ½ hour or more per week per student. A qualified, certified FCS instructor is responsible for supervision. Written training agreements and individual student training plans are developed and agreed upon by the employer, student and coordinator. The coordinator, student and employer assume compliance with federal, state and local laws and regulations.

State Course ID: 19998A003 **Course Title:** Human Services Workplace Experience

Human Services Workplace Experience courses provide work experience in fields related to the Human Services cluster. Goals must be set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses must include classroom instruction at least once per week, involving further study of the field, discussion of relevant topics that are responsive to the workplace experience and employability skill development. Workplace Experience courses must be taught by an approved WBL educator-coordinator. These courses should be aligned to a Career Development Experience that could include: Student-led Enterprises; School-based Enterprises; Immersion Supervised Agricultural Experiences; Clinical Experiences in Health Science and Technology programs; Internships; and Apprenticeship programs including Youth Apprenticeships, Pre-apprenticeships, and Registered Apprenticeships.