



AGRICULTURAL SCIENCE CLASSES OFFERED AT CYPRESS SPRINGS

PRINCIPLES OF AGRICULTURE, FOOD, AND NATURAL RESOURCES (REQUIRED) (ONE CREDIT)

- This course is an introductory class that prepares students for careers in agriculture, food, and natural resources. The emphasis is on career opportunities, personal development, globalization, industry standards, details, practices, and expectations

SMALL ANIMAL MANAGEMENT (1/2 CREDIT)

- This course is designed for students preparing for careers in the field of animal science, Small animals which may be included in the course of study include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats

EQUINE SCIENCE (1/2 CREDIT)

- In this concentrated study of horses, topics covered will include breeds, selection, uses, and other horse-related aspects of the agribusiness industry. Nutrition, reproduction, health and management of horses, and related enterprises will be emphasized

FOOD TECHNOLOGY AND SAFETY (1 CREDIT)

- This course is designed to acquaint the student with world food production. Areas investigated will be marketing and transportation of food products, including preparation, processing, preservation and packaging for the consumer. Students will learn about government regulations, sanitation, occupational opportunities, safety, and leadership development

WILDLIFE, FISHERIES, AND ECOLOGY MANAGEMENT (1 CREDIT)

- This course is designed to inform the students about wildlife management and outdoor recreation. Hunting and fishing skills and safety are taught as well as water and boating safety. State certification in these areas is available to students who qualify (state-mandated fee required for certification). Wise use of our natural resources and career opportunities are also covered



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FLORAL DESIGN (1 CREDIT) (ART CREDIT)

- This course is designed to develop a student's ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Horticulture systems, career opportunities, entry requirements, and industry expectations will also be covered

LIVESTOCK PRODUCTION (1 CREDIT)

- This course is an in-depth study to develop knowledge and skills pertaining to all areas and kinds of livestock production. Topics which give the student an insight into livestock management include animal foods, nutrition and growth, reproduction, animal health, animal handling techniques, and livestock sales

VETERINARY MEDICAL APPLICATIONS (1 CREDIT)

- This course is designed for students preparing for careers in the field of animal science. Topics covered include, but are not limited to career opportunities, entry requirements, industry expectations, animal systems, and veterinary practices as they relate to both large and small animal species

ADVANCED ANIMAL SCIENCE (1 CREDIT) (SCIENCE CREDIT)

- This course is designed for students preparing for careers in the field of animal science. Emphasis will be placed on the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences

PRACTICUM IN AGRICULTURE, FOOD, AND NATURAL RESOURCES (WORK BASED) (2 CREDITS)

- This course allows students to apply agricultural concepts and principles in the classroom and workplace. In the classroom portion of the course, students will gain knowledge of professional standards as required by business and industry. Students will also receive industry recognized training designed to make them more marketable and desirable in the workplace. Students are required to work 10 hours per week at an approved training site