

AGRICULTURE ELECTIVES – VOCATIONAL

Leadership training through the FFA organization is an integral part of all Agribusiness courses and FFA membership is strongly encouraged in order to reap the full benefit of our program. The courses listed below meet the requirements for a practical arts/vocational credit.

AGRISCIENCE FOUNDATIONS I

Course #: 8106810

Grade Offered: 9, 10, 11, & 12

Course Length: One year

Prerequisite: None

Agriscience Foundations is the basic course in agriculture for students who wish to continue in agriculture mechanics, forestry, horticulture, and animal science. It develops competencies in agricultural history, global importance, career opportunities, applied scientific and technological concepts, ecosystems, marketing, management and human relations skills.

AGRICULTURAL MECHANICS II/III

Course #: 8103120/21

Grade Offered: 10, 11, & 12

Course Length: One year

Prerequisite: Agriscience Foundation I

The purpose of this program is to prepare students for employment or advanced training in agricultural mechanics or in the general field of small gasoline engine repair and tractor repair. Broad, transferable skills are stressed to ensure an understanding and competence in all aspects of the industry. Student internships into the community are available for advanced students.

AGRITECHNOLOGY I

Course #: 8106820

Grade Offered: 10, 11, & 12

Course Length: One year

Prerequisite: Agriscience Foundation

This course is designed to develop competencies in the areas of Agriscience industry careers; prevention and treatment of livestock diseases; livestock anatomy; wholesale cut meat; animal reproduction and identification; animal safety; animal-health certification; plant growth; plant fertilization; safe use of pesticides; maintenance of tools and equipment; record keeping; and employability skills.

AGRITECHNOLOGY II

Course#: 8106830

Grade Offered: 11 & 12

Course Length: One year

Prerequisite: Agriscience Foundation/Agritechnology I

This course is designed to develop competencies in the areas of job and training requirements; professional organizations; crop identification; planting crops; fertilizer calculations and application; irrigation; pest control; harvesting, packing, and grading crops, safe equipment operation; finance; and employability skills. Completer will earn Vocational Gold Seal.

ANIMAL SCIENCES & SERVICES II/III

Course#: 8106210/20

Grade Offered: 10, 11, & 12

Course Length: One year

Prerequisite: Agriscience Foundations

The purpose of this program is to prepare students for employment or advanced training in the animal science industry. The program focuses on broad, transferable skills and stresses understanding and demonstration of the following elements of the animal science industry: planning, management, finance, technical and production skills, underlying principles of technology, labor issues, community issues and health, safety and environmental issues.