

Career & Technical Course Offerings through the College Express Program

Agriculture

The Agriculture Education course is offered during afternoon College Express. This program prepares students for mid-management and sales positions in agri-business such as fertilizer, seed, feed, chemicals, and business related to the product service area.

Workers in agri-business can work in a variety of businesses that produce, process, or distribute agriculture goods. They may do purchasing or marketing of agriculture products and services. Mid-management work requires that a person have the managerial skills necessary to organize and operate a business. A basic knowledge of accounting and bookkeeping can be helpful in keeping financial records. Most must be familiar with complex safety regulations and requirements of government agriculture support programs. Computer skills are increasingly important.

Students enrolled in Agriculture Education will earn college credit during high school and will take the following classes if they complete both years of the program:

AGRI 101 Introduction to Animal Science (Fall 20) 4 Hours

Research and development of new technology and genetics has been implemented in the livestock industry to increase production of higher quality animals to feed an increasing world population. This course covers traditional animal breeds, methods of breeding and selection, anatomy, physiology, nutrition, growth, environment, health and sanitation, products and marketing, processing, production technology and economics, animal behavior and current issues in the animal science industry. The course will also introduce students to organic, natural and sustainable methods of livestock production.

AGRI 102 Introductory Agriculture Economics (Fall 19) 3 Hours

The presence of the World Wide Web and the ever increasing speed of data transfer have increased the importance of agriculture economic principles. This course investigates the agricultural economy in terms of production principles: production costs, supply and revenue, profit maximization, consumption and demand, price elasticity, market price determination, and competitive versus non-competitive market models. Historic, current and future topics, of the world food situation, natural human and capital resources, commodity product marketing, and agricultural problems and policies will be included as students explore the role of agriculture economic principles in the

AGRI 109 Agriculture Technology (Spring 20) 3 Hours

Progressively, new technology has been merged with current technology to improve the environmental, economic and operational aspects of agriculture. This course will introduce students to precision technology that is currently being incorporated into modern agriculture operations and new technology that is under research and development. The course will discuss technologies used from the field to the kitchen from the barn to the skillet.

AGRI 200 Agriculture Management (Spring 21) 3 Hours

Agriculture management looks at the economic, financial and planning phases of farm and retail agriculture businesses. Historic, current and future governmental programs have had and will have a significant influence on modern agriculture. Students in this course will investigate local, state, national and international influences in all aspects of the business enterprise. Key elements of the course will be instruction on budgets, purchasing, marketing and sustaining a viable

INFO 245 Employment Seminar (Spring 21) 1 Hour

This course involves a study of contemporary problems in the general field of employment. Future graduates are counseled in career search and development techniques as well as employment opportunities. Students are urged to share their concerns and experiences encountered while preparing for employment. Prerequisite: consent of instructor.

Education for Employment 400

VVEDS

Vermilion Vocational Education Delivery System

