



Northern Kane County
REGION 110
EDUCATION THAT WORKS



REGIONAL CAREER PATHWAY PROGRAM

The Regional Career Pathways programs are designed to offer high-quality Career and Technical Education programs to students who are unable to access programs in their home districts. All of the selected programs are nationally recognized and offer students the opportunity to earn industry-recognized credentials before graduation. Any student residing within the boundaries of Community Unit School District 300, Central Community Unit School District 301, St. Charles Community Unit School District 303, or School District U-46 who is in good standing and meets program requirements is eligible to apply for admission to the program.

Transportation: Provided by each student's home school district

Cost: No additional cost to students/families

VETERINARY SCIENCE

The Veterinary Science program is housed in Central School District 301 at Burlington Central High School. The program is accredited through the National Association of Veterinary Technicians in America.

INTRODUCTION TO AGRICULTURAL SCIENCE

Grade Level: 10th

Length: Year-long 1 period class

Prerequisite: None

Content: The Agricultural Science Program consists of three integral components: classroom instruction, participation in the FFA, and completing an agricultural science project. Classroom topics for this course will cover the basic concepts in all areas of agriculture that include: animal science, plant and soil science, horticulture, agribusiness, mechanics, and alternative energy. In addition to classroom instruction, participation in the National FFA Organization and completing an SAE project will also be expected, as those components allow students to build leadership, communication, and career skills from the course topics.

VETERINARY SCIENCE 1

Grade Level: 11th

Length: Year-long 2 period class

Prerequisite: Introduction to Agricultural Science (student must earn a C or better both semesters)

Content: The major areas of emphasis include breeds of animals, growth, and development, chicken embryology, animal behavior, reproduction, digestive systems, animal waste, genetics, nutrition, posology, veterinary equipment, veterinary office practices, and animal restraint. In addition to classroom instruction, participation in the National FFA Organization and completing an SAE project will also be expected, as they are integral components of the Agricultural Science Program. This course is designed to lay the foundation of veterinary knowledge needed to get into Veterinary Science 2 and students will need to complete observation hours with a clinic as one of the requirements necessary for the Veterinary Assistant Certificate. Live animals will be handled and raised in class for educational purposes. Some of those animals include, but are not limited to, chickens, rabbits, dogs, and cats.

VETERINARY SCIENCE 2

Grade Level: 12th

Length: Year-long 2 period class

Prerequisite: Veterinary Science 1 (student must earn a C or better both semesters)

Content: Topics covered include small and companion animal industry, large animal industry, animal health, animal pharmaceuticals, animal grooming, anatomy, and physiology. In addition to classroom instruction, participation in the National FFA Organization and completing an SAE project will also be expected, as they are integral components of the Agricultural Science Program. Students taking this course will need to complete observation hours with a clinic as one of the requirements necessary for the Veterinary Assistant Certificate, which may be earned at the conclusion of the course. Live animals will be handled and raised in class for educational purposes. Some of those animals include, but are not limited to, chickens, rabbits, dogs, and cats.

INDUSTRY CREDENTIALS AVAILABLE

Veterinary Assistant

