

Career Opportunities

- Livestock Production Manager
- Food Products Developer
- Nutrition Counselor
- Agricultural Writer
- Agriculture Education Teacher
- Cooperative Extension Agent
- Laboratory Technician
- Public Relations Specialist
- Animal Health Product Sales
- Animal Health Inspector
- Animal Shelter Manager
- Extension Educator
- Feed Sales Manager
- Financial Representative
- Livestock Equipment Sales Representative
- Livestock Marketing Specialist
- Housing and Environmental Quality Specialist
- Meat Grader
- Nutritionist
- Researcher
- Stable Manager
- Teacher
- Trainer
- Zookeeper
- Veterinarian
- Vet Technician
- Food Writer
- Reporter
- Farm Manager
- Herd Manager
- Food Scientist
- Dietitian
- Meat Processor
- Food Inspector



Sullivan County Career & Technical Education Center

"Skills, knowledge and work ethic
for the 21st century"

Animal Science

Animal Science is one of the many programs offered through the Career & Technical Education Center of Sullivan County.

CTE prepares students to be college and career ready. Students leave the program with the skills necessary for success in post-secondary education, the work force, apprenticeships, or the military.

Students have the opportunity to earn up to seven high school credits towards graduation, while meeting industry standards and learning the job skills essential for a specific career or trade.

All of our NYS Education Department approved programs include articulation agreements with colleges and trade schools. Students can earn college credit toward an associate or bachelor degree while they are in high school.

For more information contact the
Career & Technical Education Center
Ferndale-Loomis Road, Liberty, New York 12754

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www.scbores.org/CTE

A Division of Sullivan County BOCES

Career & Technical Education



Animal Science

(845) 295-4152 / scbores.org/CTE

What is Animal Science?

Animal Science is described as “studying the biology of animals that are under the control of mankind”. Historically, the degree was called animal husbandry and the animals studied were livestock species, like cattle, sheep, pigs, poultry, and horses. Most careers in Animal Science are not in the Production Sector, but in related fields such as sales and service, biotechnology, agriscience, and agribusiness.

The Animal Science Program prepares students for career opportunities and/or a college degree in the Animal Science and Vet Tech fields. Students will learn about the anatomy and physiology of large and small animals, nutrition, safety and handling, livestock production, agribusiness management and much more. The program offers two pathways for success.

- **Animal Care Skills:** Career exploration of the animal industry preparing students for entry level employment
- **Animal Care and Management:** Career exploration of the animal industry preparing students for a two or four year college degree
- **Equine Studies: (Seniors Only)** Students acquire the knowledge and skills for success in equine-related Careers while preparing for college



Our lab experience is located on a working farm. The species of animals including, but not limited to:

- Dogs
- Rabbits
- Horses
- Sheep
- Goats
- Chickens
- Cows (dairy, beef)
- Pigs



Industry Facts

- There is a great demand for agricultural workers.
- There are over 500 different job classifications for Animal Science Graduates.
- Animal Science and the Pet Industry is rapidly growing Industry.

**According to the NYS Department of Labor
August 2018 Report, the industry has**
(within a 300 mile radius of Liberty)

4,470 plus jobs available

Student Benefits

- Credits may be earned from the following colleges after successfully completing the program:
 - * Alfred State College
 - * SUNY Cobleskill
 - * Morrisville State College
- Hands-on training on a working farm
- Students learn small business opportunities within the industry
- Career and Technical Endorsement on your high school diploma for successful completion of coursework
- A resume that will impress employers and colleges
- Membership in the SkillsUSA Club
- Networking opportunities and tours of local agricultural businesses
- Beef Quality Assurance (BQA) Certification
- Youth for Quality Care of Animals (YQCA) Certification