



Animal Science

Grades 11 & 12

Animal Science is a two-year Career and Technical Education program designed to explore the diverse field of animal science. This program is for students who have a desire to work with large or small animals. Throughout the program students will recognize the important roles animals play in society from individual ownership to scientific research with far reaching implications.

This technical course teaches specialized and advanced skills in areas such as veterinary assisting, care and handling of animals in a laboratory of veterinary setting, dog grooming, and kennel/pet shop management. This course provides students with the opportunity to care for and be exposed to a wide variety of animals within the classroom and community setting. This science-based program will teach skills in areas such as animal handling, anatomy and physiology, grooming, pet first aid, health and disease, clinical practices, veterinary terminology, and safety and sanitation. Students will operate a grooming parlor that is used as a learning model for the handling and caretaking of animals. They will use the tools of the trade, including diagnostic and grooming equipment. Upon successful completion of this program, students may receive college credits pending established procedures.

Units of Study

Anatomy and Physiology	Animal Behavior	Animal Handling and Restraints
Animal Medicine	Animal Nutrition	Animal Reproduction
Basic Grooming	Breed Identification	Hospital Procedures
Laboratory Techniques	Pet First Aid	Veterinary Terminology

Applied Academics

Students enrolled in the Animal Science program can earn credits that will satisfy core academic requirements in English Language Arts, Math and Science. Through the integration of these core academics, achieving a Regents Diploma remains in reach.

How to Enroll

Orleans/Niagara BOCES partners with local school districts to provide exciting hands-on career and technical training during normal school day. To learn more, speak with your high school counselor or you can contact Orleans/Niagara BOCES Orleans Career and Technical Education Center Principal Mr. Michael Mann at mmann@onboces.org.

Teacher Information

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