

17. Review & Approval:

Date: 12 Feb 2016 Site Curriculum and Instruction Leadership Team Signature/Title Bruce W. Cummings Signature  
 \_\_\_\_\_ Secondary Department Articulation/Collaboration Signature/Title \_\_\_\_\_  
 Secondary Principal Signatures: \_\_\_\_\_  
 Date: 12 Feb 2016 \_\_\_\_\_

**COURSE GOALS AND/OR MAJOR STUDENT OUTCOMES**

Description of how this course supports district goal to increase student awareness and appreciation of diversity:

**Academic Excellence:** Each student will determine and pursue a Certificate Excellence (FFA proficiency award) in at least major content area of the class while achieving academic success across each unit of instruction.

**Post-secondary success:** Each student will prepare a career and college success plan aligned with their expressed career goal.

**Social Development:** Students, through a variety of academic and social experiences, will learn to appreciate differences and understand the commonalities between all people. Each student will plan, prepare, and implement a leadership activity aligned with the FFA program of activities.

*(adapted from 2014 District adopted objectives and strategies)*

**COURSE OBJECTIVES**

The student will be able to:

1. Access research material from the library, Internet, and other sources to complete increasingly challenging assignments as self-directed learners. In depth study of the anatomy and physiology of a variety of animal species is designed to build knowledgeable problem solvers in the field of Veterinary Science.
2. Acquire advanced animal principles, know and respect diversity in the animal kingdom, and become an animal advocate for their welfare on all levels encompassing family pets, domestic livestock and our wildlife resources.
3. Prepare for advanced post-secondary level education in animal science, biology, and/or zoology.
4. Demonstrate ability to solve problems and think critically by effectively completing challenging group and individual projects and assignments. The combination of science labs and academic research enables students to use complex, creative thinking skills to reach sound conclusions.
5. Develop and enhance computer skills while working on individual and group projects to practice and refine written, oral and multimedia communication skills.
6. Develop advanced communication, leadership and research skills, which will contribute to personal and post-secondary success.

**COURSE OUTLINE**

**COURSE DESCRIPTION**

Animal health, behavior, handling, training, and veterinary procedures are explored. Gain hands-on experience with companion, food, lab, and exotic animal species (when they are available). Students will learn medical terminology common to the animal health care field. Students will also be required to assigned class and afterschool time in the care and health monitoring of animals. Enrollment in this course limited to students participating in the Agrscience pathway sequence of courses. The study of dogs, cats, horses, swine and ruminants body systems (anatomy and physiology) is foundational. Whenever possible, topics will be related to pertinent veterinary career applications and situations. Training and career opportunities pertaining to Registered Veterinary