



Course Proposal for Board Approval

Department: **Agriculture**

The department intends to **add a class** for the upcoming school year.

Course title: **Vet Science 1**

The course will be a(n) **Elective** class that lasts a **Semester**.

Grade levels eligible for enrollment: **Grade 9, Grade 10, Grade 11, Grade 12**

Prerequisites if any: **Agriscience**

Describe how the course aligns with the department's vision and mission: **This course will be a part of the restructuring of the animal science pathway in the ag department. Vet science 1 will serve as an introduction to the animal pathway and build the basis for the more advanced classes to follow. It will combine some of the overlapping concepts from vet pet care and large animal vet.**

Identify the content standards: **AS.02. Utilize best-practice protocols based upon animal behaviors for animal husbandry and welfare.**

AS.03. Design and provide proper animal nutrition to achieve desired outcomes for performance, development, reproduction and/or economic production.

AS.05. Evaluate environmental factors affecting animal performance and implement procedures for enhancing performance and animal health.

AS.07.02. Analyze biosecurity measures utilized to protect the welfare of animals and health of humans on a local, state, national, and global level.

Outline the major concepts included in the course: **Personal Safety & Animal Handling (2 weeks)**

Biosecurity (2 weeks)

Veterinary Terminology (3 weeks)

Physical Exams (2 weeks)

Digestion/ Nutrition (3 weeks)

Pharmacology (2 weeks)

Parasitology (2 weeks)

Issues in the Animal Industry (2 Weeks)

Describe the learning activities: **Hands on applications with animals in the animal lab with restraint, physical exams, behavior studies, etc. Filling prescriptions for injections/ pills. Administering medications in various test animals. Dissections of the digestive anatomy. Fecal analysis for diagnosing parasites.**

Describe how the course aligns with the current scope and sequence. **It will build the foundation for an animal science pathway that is essential to an agriculture program.**



The methods for evaluation include: **Students will be assessed with unit tests to measure understanding of conceptual knowledge. Additionally, students will be given numerous case studies & skills based assessments.**

The criteria for intervention and/or enrichment include: **Students who are unable to complete common formative assessments with mastery, students will be pulled in for intervention.**

Additional supplies and equipment with an estimate: **N/A**

Required text for review: **N/A**

Additional information: **None**

Department Member's Signatures of Support:

Date: