



Course Proposal for Board Approval

Department: **Agriculture**

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

Course title: **Vet Science 2**

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

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

Prerequisites if any: **Vet Science 1**

Describe how the course aligns with the department's vision and mission: **This course will be a focus on clinical procedures within veterinary medicine as well as how we can complete diagnostic testing to assess issues within the animals body. This will have a heavy emphasis on anatomy & phisiology.**

Identify the content standards: **AS.06.02. Apply principles of comparative anatomy and physiology to uses within various animal systems.**

AS.07.01.01.c. Select tools, techniques, and technology to meet specific animal health management goals.

AS.07.01.04.c.

Design a health maintenance and a disease and disorder prevention plan for animals in their natural and/or confined environments.

Outline the major concepts included in the course: **Interconnections of Body Systems (1 week)**
Integumentary System & Sutures (3 weeks)
Cardiovascular System & Wound Repair (2 Weeks)
Immune System & Medication Use (2 Weeks)
Skeletal System & X Rays (2 Weeks)
Veterinary Dentistry (2 Weeks)
Urinary System & Urinalysis (2 Weeks)
Hospital Procedures (2 Weeks)
Veterinary Laws & Ethics (2 Weeks)

Describe the learning activities: **Students will have the opportunity to perform multiple dissections throughout the semester to explore the anatomy on a first hand basis. Additionally, we will perform sutures, urine testing, x ray analysis and many other clinical procedures that a veterinarian would perform.**

Describe how the course aligns with the current scope and sequence. **This will provide students another level above the proposed Vet Science 1 class. Students who are interested in the**



veterinary medicine field will be able to gain knowledge and skills geared toward a career as a veterinarian.

The methods for evaluation include: **Students will be given unit tests to demonstrate mastery of the conceptual content. Additionally, students will be completing clinical labs & skills demonstrations in situational based assessment.**

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. This formative assessments will be given on a regular basis to ensure that students are keeping up with course content.**

Additional supplies and equipment with an estimate: **Materials for dissection- \$150**

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

Additional information: **Yes, human anatomy would have quite a bit. When we talk about anatomy and physiology concepts, they are similar between animals and humans. However, for a veterinarian to be able to perform the necessary procedures taht this class will focus on, a good baseline of anatomy and physiology to best treat patience.**

Department Member's Signatures of Support:

Date: