**ANIMAL SCIENCE II**

**Andy Nelson**

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**School Phone Number: 704-708-5530**

**Room A-114**

**A. LEADERSHIP AND SUPERIVISED AGRICULTURE EXPERIENCE 1.00 Understand leadership qualities involved in successful employment.**

1.01 Understand leadership qualities and career building techniques desired by the animal science industry.

1.02 Understand parliamentary procedure.

**2.00 Understand Supervised Agricultural Experience**

2.01 Understand SAE components and application to work-based learning.

2.02 Understand a financial statement.

**B. ANIMAL ANATOMY AND PHYSIOLOGY**

**3.00 Understand anatomy and physiology of agriculture animals.**

3.01 Classify anatomy of body systems.

3.02 Summarize physiology of body systems.

**4.00 Understand reproductive and digestive physiology.**

4.01 Understand reproductive physiology.

4.02 Understand digestive physiology.

**C. ANIMAL MANAGEMENT**

**5.00 Understand management of agriculture animals.**

5.01 Classify animal housing, facilities and waste management.

5.02 Classify preventative maintenance and diseases.

5.03 Exemplify reproductive management practices.

5.04 Understand biotechnology in livestock production.

**6.00 Apply rations for livestock animals.**

6.01 Apply rations to agriculture animals.

6.02 Exemplify feed additives and hormone implants.

**D. ANIMAL EVALUATION AND PROCESSING**

**7.00 Evaluate agriculture animals.**

7.01 Critique agriculture animals.

7.02 Interpret genetics.

7.03 Apply the use of evaluation records.

**8.00 Understand the harvesting process for livestock.**

8.01 Understand food safety regulations.

8.02 Understand the livestock and poultry harvesting process.

**Materials Needed:**

Pencil or Pen

3-ring Binder

Notebook Paper

Composition Notebook

**Grading:**

A = 90% - 100% B = 80% - 89% C = 70% - 79% D = 60% - 69% F = below 60%

**Progress Reports:**

Progress reports will be sent home according to the school’s calendar. I expect them to be signed and returned by the assigned due date.

**Expectations:**

1. Be in your seat and ready to start class before the bell rings.
2. Respect other people and their property.
3. Be prepared for class (pen/pencil, paper, homework, and calendar).
4. No FOOD