

Animal Science II

Leadership & Supervised Agricultural 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.

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.

Animal Management

5.00 Understand management of agriculture animals.

5.01 Classify animal housing, facilities and waste management.

5.02 Classify preventative maintenance and disease.

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.

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.