North Carolina CTE

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.**

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8.01 Understand food safety regulations.

8.02 Understand the livestock and poultry harvesting process.