

NORTH CAROLINA CAREER AND TECHNICAL EDUCATION STANDARDS

Agricultural Education

Grade: Grade 9 - 12

Course: Animal Science II

NCCTE.AA22 - Animal Science II

NCCTE.AA22.01.00 - Understand leadership qualities involved in successful employment.

NCCTE.AA22.01.01 - Understand leadership qualities and career building techniques desired by the animal science industry.

NCCTE.AA22.01.02 - Understand parliamentary procedure.

NCCTE.AA22.02.00 - Understand Supervised Agricultural Experience.

NCCTE.AA22.02.01 - Understand SAE components and application to work-based learning.

NCCTE.AA22.02.02 - Understand a financial statement.

NCCTE.AA22.03.00 - Understand anatomy and physiology of agriculture animals.

NCCTE.AA22.03.01 - Classify anatomy of body systems.

NCCTE.AA22.03.02 - Summarize physiology of body systems.

NCCTE.AA22.04.00 - Understand reproductive and digestive physiology.

NCCTE.AA22.04.01 - Understand reproductive physiology.

NCCTE.AA22.04.02 - Understand digestive physiology.

NCCTE.AA22.05.00 - Understand management of agriculture animals.

NCCTE.AA22.05.01 - Classify animal housing, facilities, and waste management.

NCCTE.AA22.05.02 - Classify preventative maintenance and diseases.

NCCTE.AA22.05.03 - Exemplify reproductive management practices.

NCCTE.AA22.05.04 - Understand biotechnology in livestock production.

NCCTE.AA22.06.00 - Apply rations for livestock animals.

NCCTE.AA22.06.01 - Apply rations to agriculture animals.

NCCTE.AA22.06.02 - Exemplify feed additives and hormone implants.

NCCTE.AA22.07.00 - Evaluate agriculture animals.

NCCTE.AA22.07.01 - Critique agriculture animals.

NCCTE.AA22.07.02 - Interpret genetics.

NCCTE.AA22.07.03 - Apply the use of evaluation records.

NCCTE.AA22.08.00 - Understand the harvesting process for livestock.

NCCTE.AA22.08.01 - Understand food safety regulations.

NCCTE.AA22.08.02 - Understand the livestock and poultry harvesting process.

