

NORTH CAROLINA CAREER AND TECHNICAL EDUCATION STANDARDS

Agricultural Education

Grade: Grade 9 - 12

Course: Agriscience Applications

NCCTE.AU10 - Agriscience Applications

NCCTE.AU10.01.00 - Understand leadership opportunities and SAE related to the agriscience industry.

NCCTE.AU10.01.01 - Understand the history, opportunities, and structure of organizations related to the agriscience industry.

NCCTE.AU10.01.02 - Understand effective leadership and communication skills.

NCCTE.AU10.01.03 - Understand the importance of SAE to work-based learning.

NCCTE.AU10.02.00 - Understand global agriculture.

NCCTE.AU10.02.01 - Understand the history of global agriculture.

NCCTE.AU10.02.02 - Compare the current and future issues in global agriculture.

NCCTE.AU10.03.00 - Understand the plant industry.

NCCTE.AU10.03.01 - Remember careers in the plant industry.

NCCTE.AU10.03.02 - Understand biotechnology in the plant industry.

NCCTE.AU10.03.03 - Understand basic horticultural (ornamental, fruit, and vegetable) and agronomic principles and practices.

NCCTE.AU10.03.04 - Remember tools and their safety practices related to the plant industry.

NCCTE.AU10.04.00 - Understand the animal industry (large animal, equine, and aquaculture).

NCCTE.AU10.04.01 - Remember careers in the animal industry.

NCCTE.AU10.04.02 - Understand biotechnology in the animal industry.

NCCTE.AU10.04.03 - Understand basic animal principles and practices.

NCCTE.AU10.04.04 - Remember tools and their safety practices related to the animal industry.

NCCTE.AU10.05.00 - Understand the environmental science industry (water, soils, wildlife, and forestry).

NCCTE.AU10.05.01 - Remember careers in the environmental science industry.

NCCTE.AU10.05.02 - Understand biotechnology in the environmental science industry.

NCCTE.AU10.05.03 - Understand basic environmental principles and practices.

NCCTE.AU10.05.04 - Remember tools and their safety practices related to the environmental science industry.

NCCTE.AU10.06.00 - Understand the agricultural engineering industry.

NCCTE.AU10.06.01 - Remember careers in the agricultural mechanics industry.

NCCTE.AU10.06.02 - Understand basic agricultural engineering principles and practices.

NCCTE.AU10.06.03 - Remember tools and their safety practices related to the agricultural mechanics industry.

