Agricultural Education implements inquiry-based learning in the classroom and career exploration through work study and supervised agricultural experience programs. It develops leadership skills such as public speaking, teamwork, organization and civic service through the intracurricular implementation of FFA.

Students who participate in agricultural education programs graduate with the skills necessary to become productive citizens who will succeed in postsecondary education or the workforce.

**Courses offered**
- Agriculture Mechanics I
- Agriculture Mechanics II
- Agriculture Production I
- Agriculture Production II
- Agriscience Applications
- Animal Science I
- Animal Science II
- Animal Science II
- Small Animal
- Biotechnology & Ag. Research I
- Biotechnology & Ag. Research II
- CTE Advanced Studies
- CTE Internship
- Environmental & Natural Resources I
- Environmental & Natural Resources II
- Equine Science I
- Equine Science II
- Exploring Agriculture Science (middle grades)
- Exploring Biotechnology in Ag. (middle grades)
- Horticulture I
- Horticulture II
- Horticulture II - Landscaping
- Horticulture II - Turf Grass Management
- Veterinary Assisting

**Grades 7-12**
- 53,813 students in Agriculture Science & Technology courses
- 480 agriculture teachers
- 256 high school agricultural education programs
- 63 middle school agricultural education programs

**Postsecondary**
- 32 two-year postsecondary institutions offer degrees in some area of agriculture.
- 4 four-year postsecondary institutions offer traditional agriculture degrees.

**Economic Impact of Agriculture**
The North Carolina agriculture and natural resource industry has an annual economic impact of over $77 billion.

- 1st nationally in tobacco production
- 1st nationally in poultry and eggs
- 2nd nationally in hogs and pigs
- 2nd nationally in turkeys
- 2nd nationally in cut Christmas trees