# Career and Technical Education Plan of Study

**Cluster: AGRICULTURE, FOOD and NATURAL RESOURCES (page 1)**

**Student Name:** ___________________________ (PRINT ONLY)  
**Student Signature:** ___________________________  
**Date:** _____________________________________  
**CTE Teacher/Administrator Signature:** _____________________

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**CTE Sequence 1 - Agribusiness:**  
- Principles of Agriculture, Food and Natural Resources  
- Professional Standards in Agribusiness  
- Agribusiness Management & Marketing  
- Mathematical Applications in Agriculture, Food and Natural Resources

**CTE Sequence 2 - Animal Mgt.:**  
- Principles of Agriculture, Food and Natural Resources  
- Equine Science and/or Livestock Production and/or Small Animal Management  
- Veterinary Medical Applications  
- Advanced Animal Science

**CTE Sequence 3 - Natural Res.:**  
- Principles of Agriculture, Food and Natural Resources  
- Energy & Natural Resources Technology  
- Advanced Environmental Technology  
- Practicum in Agriculture, Food and Natural Resources

**CTE Sequence 4 - Food Tech.:**  
- Principles of Agriculture, Food and Natural Resources  
- Food Technology & Safety  
- Food Processing  
- Practicum in Agriculture, Food and Natural Resources

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**Note:** Students may choose ONE CTE sequence only.
# Career and Technical Education Plan of Study
## Cluster: AGRICULTURE, FOOD and NATURAL RESOURCES (page 2)

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### CTE Sequence 5 - Wildlife/Eco
- Principles of Agriculture, Food and Natural Resources
- Wildlife, Fisheries & Ecology Management
- Range Ecology & Management and/or Forestry & Woodland Ecosystems
- Practicum in Agriculture, Food and Natural Resources

### CTE Sequence 6 - Ag Mechanics
- Principles of Agriculture, Food and Natural Resources
- Agricultural Mechanics & Metal Technologies
- Agricultural Power Systems
- Practicum in Agriculture, Food and Natural Resources

### CTE Sequence 7 - Ag Facilities
- Principles of Agriculture, Food and Natural Resources
- Agricultural Mechanics & Metal Technologies
- Agricultural Facilities, Design & Fabrication
- Practicum in Agriculture, Food and Natural Resources

### CTE Sequence 8 - Horticulture
- Principles of Agriculture, Food and Natural Resources
- Principles & Elements of Floral Design
- Landscape Design & Turf Management and/or Horticultural Science
- Advanced Plant & Soil Science

Note: Students may choose ONE CTE sequence only.

August 2013