



“The ECTC Team assists students in developing skills to become independent and self-sufficient adults who will succeed and contribute responsibly in a global community with a high-skill, high-wage, and high-demand career.”

Career Cluster: Agriculture, Food, and Natural Resources
Career Pathways: Plant and Animal Systems

- Experience planning, implementation, production, management, and marketing of agriculture, food, and natural resources while managing various plant and animal experiments and hands-on activities.
- Address our dependence on the environment and how we impact it through the examination of soil testing, pest control, chemical safety, and fuel production as well as drawing, measuring, and installing foliage.
- Utilize skills to implement basic animal care, first aid, surgery, suturing, CPR, restraining, venipuncture, and muzzling while conquering knowledge of disease control and genetics as well as biotechnology innovations in medicine, nutrition, and feeding a hungry planet

Career Focus:

Prepared for internships, immediate employment, and college-level studies in agriculture or a related field

Two-Year Course Sequence:

<i>Plant Systems</i>		
Year One		
Fall	Greenhouse Production & Management	Residential Landscape Establishment & Maintenance
Spring	Landscape Design and Management	Sports/Turf Grass
Year Two		
Fall	Environmental Technology	Agribusiness Management
Spring	Agribusiness Marketing	CO-OP, Dual Enrollment, and/or SAE
<i>Animal Systems</i>		
Year One		
Fall	Animal Biotechnology	Plant Biotechnology
Spring	Fish & Wildlife Management	Introduction to Veterinary Science
Year Two		
Fall	Veterinary Science	Agribusiness Management
Spring	Agribusiness Marketing	CO-OP, Dual Enrollment, and/or SAE

Student Organizations:

Future Farmers of America (FFA), The Bass Federation (TBF), and National Technical Honor Society (NTHS)

Credentialing:

NOCTI (National Occupational Competency Testing Institute) Exams

