



# Twist on Tech

*An ECASB & BOCES Event*

**Thursday, April 10 @ 6:00 p.m.**

Experience

Career and Technical  
Education as your

students do!

Take part in various  
activities,

demonstrations,

and learn what is

new in our

Career and Technical

Education Centers.

### One Night - Three Programs

*No Cost Event - Registration Required  
@ Harkness Career & Technical Center;  
99 Aero Drive, Cheektowaga, NY 14225*

### Evening Program Schedule:

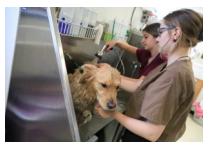
*6:00 p.m. - 6:15 p.m. - Registration, Desserts & Networking  
6:20 p.m. - 6:40 p.m. - CTE Program 1 Experience  
6:45 p.m. - 7:05 p.m. - CTE Program 2 Experience  
7:10 p.m. - 7:30 p.m. - CTE Program 3 Experience  
7:45 p.m. - 8:00 p.m. - Reconvene / Final Comments*

Register with your District Clerk by Thursday, March 27th.

*Email Sue Summers  
ssummers@e1b.org  
Or call (716)821-7297*

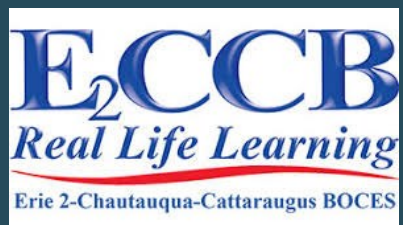
### Programs Featured:

*Animal Science: Available at Harkness, Ken-Ton, Potter, Ormsby, Carrier, LoGuidice and Hewes.*



Students will be prepared for a wide range of careers related to animal care and veterinary science. Topics of study include: animal health and disease, nutrition, reproduction, parasitology, anatomy and physiology, and animal behavior. Students will perform clinical procedures that are commonly performed at veterinary clinics and learn the technical skills to operate and manage a veterinary practice. Animal care and grooming clinics are implemented to help students learn standard operating procedures by following written protocols, documentation, team work problem solving, and verbal communication/instruction in a professional work environment.

*Students enrolled in an Animal Science CTE program are from: Akron, Alden, Amherst, Cheektowaga, Cheektowaga-Sloan, Clarence, Cleveland Hill, Depew, East Aurora, Eden, Frontier, Grand Island, Gowanda, Hamburg, Holland, Iroquois, Ken-Ton, Lackawanna, Lancaster, Lake Shore, Maryvale, North Collins, Orchard Park, Springville Griffith, Sweet Home, Tonawanda, West Seneca, and Williamsville.*





**[Aviation Technology: Available at Harkness.](#)**

Students will study and apply aerodynamic principles, aircraft control, and instrumentation both in the classroom and during flight opportunities. Topics of study include flight principles, systems and performance, aerodynamics, weight and balance, navigation, weather reports and interpretation, aviation meteorology and ground and space based navigation. Students will learn the aeromedical factors for pilots as well as ground operations, piloting skills, and unmanned aerial vehicles, as well as aerospace engineering principles.

*Students enrolled in Aviation Technology program include students from: Akron, Amherst, Cheektowaga, Clarence, Cleveland Hill, Depew, East Aurora, Eden, Frontier, Grand Island, Hamburg, Iroquois, Ken-Ton, Lakeshore, Lancaster, Maryvale, Sweet Home, West Seneca, and Williamsville*



**[Electronics and Applied Technology: Available at Harkness. In Erie 2 CC BOCES, the program is called Computer Information Systems](#)**

Students will use soldering irons, hand tools, meters, and oscilloscopes to build computers, robots, amplifiers, wireless devices, and other high tech projects. Topics of study include microcomputing systems, amplification, digital electronics, Soldering, desoldering, and PCB repair. Students will understand semiconductor, DC, and AC electronics, analog/digital conversion, telephone and cellular communications and radio communications

*Students enrolled in Electronics and Applied Technology program include students from: Akron, Alden, Clarence, Frontier, Grand Island, Hamburg, Holland, Iroquois, Lancaster, Maryvale, Orchard Park, Springville Griffith, Sweet Home, Williamsville, West Seneca.*



**[Electrical Systems: Available at Harkness, Ken Ton, Potter, and Camp P-Tech \(The electrical curriculum is also embedded into other programs at Ormsby, Carrier, LoGuidice and Hewes\)](#)**

Students will learn the theory and fundamentals of electrical systems and apply it to hands-on projects. Topics of study include: electrical safety, basics of hand and power tools, specialized tools and equipment, wiring methods, calculations and measuring, electrical circuits and trouble shooting methods, industrial motor controls, and residential and blueprint reading. Students will explore renewable technologies and energy sources, control system, and business and industry principles like financial literacy. Students will earn their OSHA 10 Safety Certification

*Students enrolled in Electrical Systems program include students from: Akron, Alden, Amherst, Cheektowaga-Sloan, Clarence, Depew, East Aurora, Frontier, Gowanda, Grand Island, Hamburg, Holland, Ken-Ton, Lackawanna, Lancaster, Maryvale, North Collins, Orchard Park, Springville Griffith, Sweet Home, Tonawanda, West Seneca, and Williamsville.*