



# Electronics, Robotics and Programming

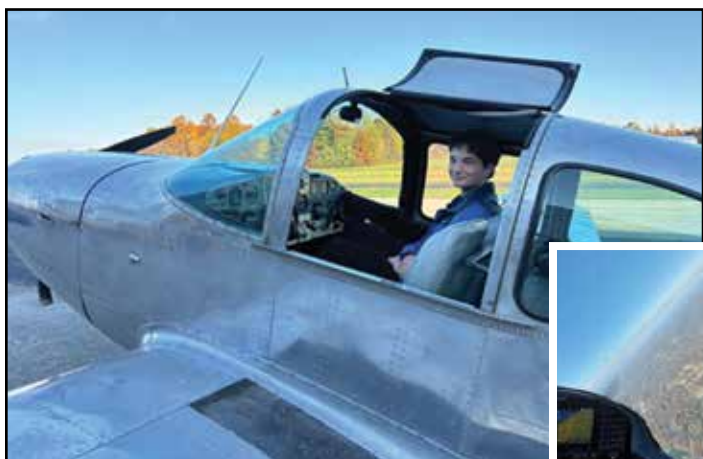
Career-Technical Education Program News from the Six District Educational Compact

## ERP students prepare for advanced STEM careers

**ERP students take part in some of the most advanced career training in STEM technologies available today! Check out a few examples below.**



Through a partnership with Kent State University, students complete a micro-credential course in **microchip manufacturing** and clean room semiconductor fabrication and protocols. They also have access to earn significant college credits toward that degree major at KSU.



Why do ERP students often participate in live flights through the Young Eagles program? They are learning the skills required to pursue a career in the high-demand and high-paying positions in **avionics** or **airframe** and **powerplant technicians**.



Field trips provide a wealth of career exploration in ERP. Students **Doris "Pearl" Kagabo** (Left - Kent) and **Marissa Marchok** (Right - Stow-Munroe Falls) are pictured while visiting a local automation integration company. They learned

about the high-tech STEM **robotics** and **automation** career opportunities that may be in their future!



**Logan Hirsch** (Tallmadge) checks out the control rooms out during the class visit to the PBS Western Reserve TV station. Broadcast engineering is another potential career field they could enter from the knowledge gained in the ERP program.



Flying drones in ERP? Absolutely! Local and regional drone repair and service companies need **skilled electronic technicians**.



**Six District Educational Compact**

Cuyahoga Falls • Hudson • Kent • Stow-Munroe Falls • Tallmadge • Woodridge

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# Success Stories

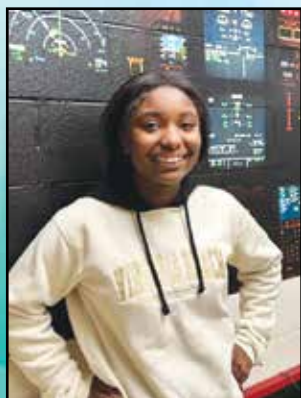


**Selina Chakraborty** (Left) and **Victoria Schmiz** (Right) are not only great friends, but also ERP completers as Kent-Roosevelt juniors who earned their Certified Electronics Technician credentials while in the program. Selina spent the bulk of the summer between her junior and senior years as a lab assistant at Kent State University in the Fuel Cell Research Laboratory under the tutelage of Yanhai Du, Ph.D. and plans on earning her degree in electrical engineering. Victoria is taking College Credit Plus courses during her high school senior year and plans on earning her degree in computer science. Collectively, they are at the top of their graduating class for 2026!



**Lamir Thompson** (Left - Kent-Roosevelt) and **Owen Pavlock** (Right - Tallmadge) both completed ERP in 2023 and earned their Certified Electronics Technician

credentials. Lamir is a junior at Kent State University, majoring in computer science with a concentration in cybersecurity, and Owen is a junior at the University of Akron, majoring in electrical engineering technology.



ERP completer and Kent Roosevelt 2025 graduate, **London Portis**, recently paid a visit to ERP while home on leave from the United States Air Force. She is an avionics technician and works on F-16 fighter jets. London shares that the skills she learned in the ERP program enabled her to land her dream job by scoring high in the electronics portion of the military ASVAB test.



**Michael Cole**, 2025 completer and Tallmadge High School graduate, was employed in information technology through the apprenticeship program during his second semester of his senior year in the program. He also earned his Certified Electronics Technician credential. His employer was impressed with his technical and interpersonal skills so much that they offered him a full-time position upon graduation. Michael is employed full-time by EduTech and can be seen servicing the IT network and client computers throughout the Kent City School District.



2025 graduate and ERP completer, **Tre Russel** (Stow-Munroe Falls) proudly shows the fruits of his labor from his time in the program. Tre is currently attending Ohio University and is majoring in engineering technology and management.