Beginning this year, Erie 2-Chautauqua-Cattaragus BOCES is offering a New Visions program at Chautauqua Lake High School.

Fredonia senior Jackson Osborne-Coy has always had plans of finding work in the engineering field, so the opportunity to pursue four college-level engineering courses in high school was intriguing.

“It’s really giving me an edge when it comes to applying for colleges,” Jackson said. “I’m learning the math behind the engineering in a very approachable way which is key to success.”

The academically rigorous one-year Career and Technical Education program for high school seniors in Chautauqua County features four distinct engineering classes: Introduction to Engineering Design, Principles of Engineering, Digital Electronics and Civil Engineering and Architecture. Each class delves deep into the engineering process – from design and development to problem-solving and application.

“The partnership between E2CCB and CLCS to offer this opportunity to Chautauqua County students comes from the need to maximize use of our county’s current manufacturing learning space in an effort to be responsive to student and industry needs,” said Janeil Rey, Ph. D., E2CCB Director of Workforce Development.

“This program will allow highly motivated seniors to take introductory engineering courses that will earn them high school and college credit.”

The partnership allows students to earn up to 12 credits from the Rochester Institute of Technology and up to six credits from Jamestown Community College. This new opportunity for high school students to add college-credit courses or career pathway exploration to their schedule is the latest in E2CCB offerings.

Jackson plans to enroll in college for electrical or nuclear engineering.

Since she was 12, Haley Woleben has enjoyed hair and makeup. During her sophomore year she decided to pursue that interest and enrolled in the Cosmetology program at the LoGuidice Educational Center.

“I love doing makeup and I knew that was a start to everything. When I started learning more hair stuff I fell in love with it,” she said. “Everything combined together has been a good thing for me.”

In the spring she plans to intern with the Hair Bar in Fredonia.

“It definitely feels good to leave high school and know you have something as a backup plan just in case,” she said. “If you don’t want to make cosmetology you’re main job it can be a backup plan.”

Haley has been accepted to the University of Buffalo and plans to go to major in Alcohol and Substance Abuse Counseling. She knows she’ll always have cosmetology as a backup plan and will be something she can carry on while in college. The skills and lessons she’s learning in the program will prove invaluable.

Haley is one of the 37,313 students developing college- and career-ready skills through Career and Technical Education programs in New York state.
Dear Board Members, District Administrators and School Community

E2CCB is continuing its ongoing effort to share student stories and outcomes through our Educational Collaborations which highlights how E2CCB is impacting your students, programs and operations.

Thank you for your on-going collaboration as we work together to provide programs and services to support students and districts throughout the region. We continually strive to build and strengthen our programs and services for students in your district as well as maximize operational efficiencies through shared services. We look forward to our continued partnership and making opportunities to best serve the needs of your students, teachers and administration.

David O’ Rourke, Ph.D.  
District Superintendent

Danielle O’Connor  
Assistant Superintendent for Curriculum & Instruction

John O’Connor, Ed.D.  
Assistant Superintendent for Management Services

Student Finds Balance Between CTE, Maple Ave

Fredonia student Jessica Stull has seen a positive change in herself since she began attending The Academy at Maple Avenue. Jessica splits her academic day between The Academy at Maple Avenue and the LoGuidice Educational Center where she is enrolled in the Cosmetology program.

“I like having a smaller school because it helps me focus and stay on track,” Jessica said. “I have changed a lot since coming here and I’m happy I have so many people encouraging me to succeed.”

Jessica has always had an interest in doing hair so it was an easy choice for her to pursue cosmetology. The responsibilities that come with a Career and Technical Education program have pushed her to ensure she goes to school every day since she needs 1,000 hours to receive her license and graduate.

“The idea that I will have a career when I graduate high school is really exciting,” Jessica said. “I am happy that I will have my license and be able to work and put myself through college.”

In her free time she enjoys hanging out with friends, spending time in nature, hiking, camping and relaxing in a hammock. When she graduates she plans to go to college to pursue a career in social work.

Fredonia student Jessica Stull is benefiting from personalized learning opportunities offered at The Academy at Maple Avenue.

CTE By the Numbers

- Automotive Body Repair: 4 students
- Automotive Technology: 5 students
- Conservation/Natural Resource Management: 2 students
- Construction Technology: 2 students
- Cosmetology: 7 students
- Culinary Arts: 5 students
- Health Careers: 2 students
- New Visions: 1 student
- Small Animal Science: 2 students
- Sports Conditioning and Exercise Science: 3 students
- Welding and Metal Fabrication: 10 students

Career & Technical Education

Students enrolled in an approved CTE program acquire the skills, knowledge and professional practices necessary for success in college and the workforce. Students experience relevant, challenging, industry-aligned curricula supported by current technology in learning environments that foster high academic achievement and skill development. Course work is organized to provide both theory and hands-on.

Students have an opportunity to participate in internships with business, industry and education partners. Curriculum is assessed against national industry standards and meets the Common Core Learning standards.

Upon the successful completion of the two-year program, CTE students meeting specific criteria will earn a Technical Endorsement on their Regents/Local Diploma.
Fredonia student Aiden Hamernik is excited to come to school every day and is excelling in his program at the LoGuidice Educational Center. In his free time, Aiden enjoys playing with friends, hanging out with his kitten and playing video games, especially "Minecraft." He also loves traveling with his family.

Since attending LoGuidice, he has seen an improvement on his reading, writing and ELA skills. When Aiden graduates he hopes to become a cameraman or videographer of ships because he has an interest in cameras and film.

“My favorite thing about coming to school is seeing my friends and being active,” he said.

Aiden excels in science and math and enjoys doing experiments in science class. Small class sizes paired with personalized learning are helping Aiden to unleash his potential.

Fredonia 11th grader Dylan Gee is advancing in the Machine Tool pathway at P-TECH.

Welding Technology or Mechanical Technology with specializations in CADD or machine tool. The up-to-six-year program allows students to earn an associate degree from Jamestown Community College in a high-demand field with no out-of-pocket expense.

Fredonia student Aiden Hamernik would like to become a cameraman when he gets older.
Shared Services

Career & Technical Education
P-TECH: Pathways in Technology
Early College High School
Special Education
Alternative Education
General Itinerant Services
Staff & Curriculum Development
Cooperative Bidding
Bus Driver/Attendant/Monitor Training
Central Business Office
Shared Business Manager
Shared Facilities Director
Super Eval: Superintendent Evaluation Tool
Risk Management
Certification
Shared Human Resource Manager
Management/Human Resources Audit
Planning Service Management
Labor Relations
School Public Relations
Regional Grant Procurement
Arts in Education
Visiting Experts
Environmental Education
Shared Associate Superintendent
Instructional Technology Resources
Science Resources
School & Societal Perspectives
Coordinated School Health
Shared Athletic Trainer
Community Schools
School Library System Services
Food Service Management
Instructional Media Services
Distance Learning
New Visions

Note: Purchased services are in bold

The Erie 2-Chautauqua-Cattaraugus BOCES does not discriminate in its employment and/or admission to programs and activities as applicable, on the basis of actual or perceived race, color, creed, sex, sexual orientation, national origin, religion, age, economic status, marital status, veterans' status, political affiliation, domestic victim status, use of a guide dog, hearing dog or service dog, disability, or other classifications protected under federal or state law, and provides equal access to the Boy Scouts and other designated youth groups. Visit www.e2ccb.org for more information.

Fredonia Central School District

$1,227,473
BOCES Aid Generated to District

42
Students attend Career & Technical Education Programs

15
Students attend Special Education Programs

8
Students attend Alternative Education Programs

8.47%
of District Budget
Comprised of BOCES Services

5
Students attend the P-TECH Program

*Enrollment data is from current year
*BOCES aid and budget information based on proposed 2018-19 budget
*Duplication of student counts may occur due to dual enrollment