Jasmine Markham may be small in stature but she makes up for it in the shop. The Panama senior enrolled in the Diesel Mechanics program at the Hewes Educational Center is stepping out of her comfort zone to pursue a career she's passionate about.

“My family was shocked I didn't enroll in Automotive Technology because Diesel works on bigger engines and I'm kind of tiny,” she said. “They're proud of me though for doing something like this, something out of my area (of expertise).”

The Diesel program isn't too far from comfortable for Jasmine, however. In the summertime you can find her and her family at Stateline Speedway where she's been racing for the past five years. Jasmine started off in the Go-Kart division and finished first in points in just her second year, and is now racing in the Challenger Division where two years ago she placed eighth in points; Jasmine was the only female racer in the class.

“A dream career? I picture myself as becoming the top mechanic in a shop,” she said. “I want to be in the garage where most girls don't work.”

Big engines or small engines, it doesn’t matter for Jasmine. She knows what she's learning in the Diesel program is preparing her for the future career she's choosing to pursue.

“This is a well-rounded program — big engines, small engines — I figured I could do anything in a shop,” she said. “I've learned a lot in this program. Welding ... I didn't know a lot about it and now I love it. When I work on small engines over here now it’s entertaining. Smaller engines seems a little easier to work on now.”

After graduation, Jasmine plans to pursue a career in the field or enroll in the University of Northwestern Ohio. She 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

---

### CTE By the Numbers

<table>
<thead>
<tr>
<th>Program</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automotive Technology</td>
<td>3 students</td>
</tr>
<tr>
<td>Conservation/Natural Resource Management</td>
<td>4 students</td>
</tr>
<tr>
<td>Construction Technology</td>
<td>4 students</td>
</tr>
<tr>
<td>Cosmetology</td>
<td>5 students</td>
</tr>
<tr>
<td>Criminal Justice/ CSI Forensics</td>
<td>1 student</td>
</tr>
<tr>
<td>Culinary Arts</td>
<td>1 student</td>
</tr>
<tr>
<td>Diesel Mechanics</td>
<td>1 student</td>
</tr>
<tr>
<td>Graphics Technology</td>
<td>2 students</td>
</tr>
<tr>
<td>Health Careers</td>
<td>1 student</td>
</tr>
<tr>
<td>Information Technology/Computer Systems</td>
<td>2 students</td>
</tr>
<tr>
<td>Small Animal Science</td>
<td>3 students</td>
</tr>
</tbody>
</table>

### 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.

---

Panama student Maxwell Parkhurst is sure to put a smile on your face.

In his free time he likes playing with his siblings, watching “Power Rangers” and going camping with his family. Maxwell enjoys playing sports and participates in soccer.

Maxwell’s academic skills have greatly improved this year. He is doing a great job in self-regulation and is making many strides in the classroom. He has improved in science and math and loves utilizing technology in the classroom.

When Maxwell grows up he hopes to become a police officer because he likes to help others.

---

Panama student Maxwell Parkhurst is benefiting from E2CCB specialized programming at Chautauqua Lake.
Panama student Jesse Szablewski Jr. has a love for animals. Ever since visiting a turtle rehabilitation center in Florida with his family he knew working with sea turtles was what he was meant to do.

When the opportunity to enroll in a Career and Technical Education came along, Small Animal Science was the easy choice. Jesse has always loved animals and likes the hands-on opportunity to learn what he loves.

“I have made a lot of friends since coming here,” Jesse said. “It’s nice being in a class where everyone shares a similar interest.”

In his free time, Jesse enjoys collecting things, especially shells and fossils. After graduation he hopes to continue his education in small animal science and relocate to Florida to work in rehabilitating sea turtles.

Panama student Jesse Szablewski Jr. is enrolled in the Small Animal Science program at the Hewes Educational Center.

**E2CCB, Chautauqua Lake Partner For New Visions Program**

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

“We already had our Project Lead The Way in our school, so we were able to couple that curriculum and New Visions together in a way where students could learn every aspect from design to actual production using our shop floor,” said Ben Spitzer, Chautauqua Lake Central School superintendent.

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, which includes Career and Technical Education and P-TECH.
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

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

27 Students attend Career & Technical Education Programs

$569,361 BOCES Aid Generated to District

6 Students attend Special Education Programs

1 Student attends Alternative Education Programs

8.66% of District Budget Comprised of BOCES Services

0 Students attend the P-TECH Program

Panama Central School District

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.

E2 CCB
Erie 2-Chautauqua-Cattaraugus BOCES