Student Expands Portfolio In CADD Pathway

Sherman freshman Jacob Swabik is a well-rounded student that stays incredibly busy during the sports season. The first-year P-TECH student is looking to add to his portfolio as he pursues an associate degree in Computer-Aided Design & Drafting.

“I like that you get to have a chance to get a job right outside of P-TECH and that college is included. I’ve always wanted to make money; I don’t like asking for things. I want to earn what I get and I just enjoy working so this seemed like a good fit for me,” he said. “It’s easier for me because I enjoy hands-on work and I enjoy how small the school is and knowing everyone in the building.”

Before Jacob enrolled in P-TECH he shadowed for a day and toured the school. He was nervous at first but knows now he fits in well.

“I didn't have many friends at my old school. There weren't many people who enjoy what I do,” he said. “I enjoy that it’s like a college atmosphere with a common area. For example, after you’re done eating you can sit in the hall in the seating area and it feels like college.”

While he knows he can pursue a career in CADD after he receives his associate degree, Jacob plans to pursue his dream job as an LAPD officer upon graduation. His sense of giving back and providing for a community likely stems from his mother’s work as executive director with the Rural Center, a family assistance program in Sherman that works to combat poverty in rural areas by providing family education, life skills training and daily mentoring.

“I recently helped my mom set up a food pantry at the Rural Center for people who are less fortunate,” he said.

When he's not in school or volunteering, Jacob stays busy playing basketball, football, baseball and running track for Sherman CSD. He also plays in an AAU basketball league, enjoys video games and watching “The Office.” He is one of two Sherman students enrolled in P-TECH and one of 2,545 students in New York state who are advancing their learning through a Pathways in Technology Early College High School program.

WNY P-TECH is tailored specifically for students interested in one of two educational pathways: 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.
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

Automotive Body Repair: 1 student
Automotive Technology: 4 students
Conservation/Natural Resource Management: 1 student
Cosmetology: 3 students
Culinary Arts: 1 student
Diesel Mechanics: 2 students
Graphics Technology: 2 students
Health Careers: 2 students
Information Technology/Computer Systems: 1 student
Small Animal Science: 2 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.

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 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.

E2CCB, Chautauqua Lake Partner For New Visions Program

Students in New Visions will take four engineering courses by splitting their academic day between their home district and Chautauqua Lake.

“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.”

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Making the decision to enroll in a Career and Technical Education program was a big decision for Paige Phelps.

The Sherman Central School senior enjoys being around her friends at her home school, so much so that her mother was surprised she decided to join the half-day program. The decision, however, is benefiting Paige as she pursues a career in the health care industry.

“My mom was surprised I enrolled. I like to be with my friends and none of them enrolled in a CTE program,” she said. “I knew taking this class would help me in my future though. I feel like I’m a step further ahead now that I came here.”

When Paige is not participating in the Health Careers CTE program at the Hewes Educational Center she can be found on the softball diamond or basketball court for Sherman. She is passionate about her school sports, a trait that is benefitting her in the program.

“I’ve always wanted to be a nurse, ever since I did a project on registered nurses in ninth grade. It’s always interested me … I’d like to help people,” she said. “This class is preparing me for that.”

After graduation, Paige plans to enroll at Erie Community College in the dental hygienist program. At BOCES she’s learning the necessary tools to achieve success in the real world.

“I’ve learned I’m more patient and I get along with people better,” she said. “I’ve learned I’m more outgoing and that I can make friends easier. I like coming here for half the day. It’s a good experience meeting kids from other districts, one that not everyone gets to experience.”

Paige is one of the 37,313 students developing college- and career-ready skills through Career and Technical Education programs in New York state.

Student Finds Balance Between Maple, Auto Body

Sherman student Marcus Detweiler is a student leader among his peers in The Academy at Maple Avenue. Since attending the Alternative Education program he has seen huge improvements in his academics. Marcus splits his academic day between The Academy at Maple Avenue and the Hewes Educational Center where he is enrolled in the Auto Body Repair program.

“Ever since I was younger I was interested in working on cars,” Marcus said. “I saw Career and Technical Education programming as a great opportunity to learn about cars.”

Marcus attributes his success to personalized learning opportunities and a smaller school setting. He also thinks the staff and teachers are what have helped him the most at Maple Avenue.

“I have learned to keep my cool and to control my anger, thanks to my counselors,” Marcus said.

When Marcus graduates he hopes to continue his education and eventually work in an auto body shop. His dream job is owning his own customization business and being able to work on high-end luxury cars.

Student Obtaining Tools To Pursue Career As Dental Hygienist

Paige Phelps, a Sherman Central School senior, plans to pursue a career in the health care field.
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

14
Students attend
Career & Technical Education Programs

$583,586
BOCES Aid Generated to District

0
Students attend
Special Education Programs

3
Students attend
Alternative Education Programs

10.46%
of District Budget
Comprised of
BOCES Services

2
Students attend
the P-TECH Program

Sherman 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.