You can say welding is in Nathan Edgar’s blood. The Lake Shore junior is enrolled in the welding pathway at WNY P-TECH where he hopes to learn in the classroom and maybe from his father.

“My father is a welder and I thought maybe I could receive some assistance from him,” he said. “My family has been supportive of my decision to join P-TECH. They said just do it because I’d regret not doing it and I would say they were right.”

Nathan didn’t think much about his future until he heard about the P-TECH program. The idea of an up-to-six-year program that sets ninth grade students on a pathway to a Regents Diploma and associate degree in a high-demand field seemed like something he should give some thought to.

“I realized as I was becoming more of an adult that I need a head start on my adult life and I thought P-TECH would be the perfect thing for me so I decided to take advantage of it,” he said. “I needed a new start coming into high school as well so I thought this would be the place.”

When Nathan isn’t in the welding booth or at school he spends his time working at McDonald’s in Derby, on the Internet or playing video games like “Call of Duty” on the Playstation. It’s hard to keep him out of the booth, however, as he looks forward to every bit of experience he can get.

“Every day when I come in I’m excited to start stick welding. I’m getting better each time so I’m looking forward to some of my projects later on,” he said. “It’s challenging here. If you’re someone who always wants to work then this is the place. People here are diverse and they have different personalities about them. It’s surprising how well everyone gets along. I think everyone understands this is going to lead to a job and everyone needs to get to know how to work with other people.”

Nathan is one of six Lake Shore 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.
Student Finds Stability At Maple Avenue

When you ask Lake Shore student Jonas Williams about his success he is very clear that it did not happen overnight. Jonas splits his academic day between The Academy at Maple Avenue and the LoGuidice Educational Center where he is enrolled in the Welding and Metal Fabrication program.

“The path I took to get here was a roller-coaster,” Jonas said. “I have had ups and downs and I am more mature now because of it; I like where I am at.”

Jonas attributes his success to the small class sizes and small school setting offered at The Academy at Maple Avenue. After graduation, he hopes to learn more about his Native American heritage and travel to historic sites. Jonas is planning to enlist in the Navy and hopes to pursue a career in underwater welding.

CTE By the Numbers

<table>
<thead>
<tr>
<th>Program</th>
<th>Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automotive Body Repair</td>
<td>3</td>
</tr>
<tr>
<td>Automotive Technology</td>
<td>7</td>
</tr>
<tr>
<td>Career and Technical Explorations</td>
<td>5</td>
</tr>
<tr>
<td>Conservation/Natural Resource Management</td>
<td>9</td>
</tr>
<tr>
<td>Construction Technology</td>
<td>3</td>
</tr>
<tr>
<td>Cosmetology</td>
<td>7</td>
</tr>
<tr>
<td>Criminal Justice/CSI Forensics</td>
<td>10</td>
</tr>
<tr>
<td>Culinary Arts</td>
<td>20</td>
</tr>
<tr>
<td>Health Careers</td>
<td>6</td>
</tr>
<tr>
<td>Heating, Ventilation and Air-Conditioning</td>
<td>14</td>
</tr>
<tr>
<td>Information Technology/Computer Systems</td>
<td>10</td>
</tr>
<tr>
<td>Small Animal Science</td>
<td>16</td>
</tr>
<tr>
<td>Sports Conditioning and Exercise Science</td>
<td>2</td>
</tr>
<tr>
<td>Welding and Metal Fabrication</td>
<td>7</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.

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
Lake Shore junior Domenico Lococo is planning for his future and hopes what he's learning in the Heating, Ventilation and Air Conditioning program will lead to a successful career.

"I'm the kind of person who thinks down the road," he said. "I knew I should think about a career in high school."

During his short time in the program at the Carrier Educational Center, Domenico already knows he made the right decision. He credits his mother with helping him see beyond high school.

"My mom wanted me to do this, definitely. She loves it," he said. "She wants me to be stable after high school, to make sure I have some type of path to go down. Before this program I didn't really have an idea of what I wanted to do and this is a real up-and-coming thing … it's a good opportunity."

When he's not in school, Domenico enjoys playing football for Lake Shore and playing video games like "Rainbow Six Siege." He doesn't have to go far from his home district to receive hands-on training in a high-demand field; it's just one of the perks of CTE.

“Rex has made great gains and is a wonderful part of our classroom,” said E2CCB teacher Mary Carlson.

Lake Shore student Rex Schultz will wow you with his imagination and storytelling abilities and uses that creativity to excel at the LoGuidice Educational Center. In his free time, Rex likes reading and watching movies, especially "Godzilla" and "Toy Story."

Rex's adaptive and academic skills have greatly improved this year. He is doing a wonderful job to self-regulate and is making great strides in the classroom. He has improved on reading and math as well as his behavior. When Rex graduates he hopes to pursue a career as a firefighter or even become the President.

"Rex has made great gains and is a wonderful part of our classroom,” said E2CCB teacher Mary Carlson.

After high school, Domenico plans to either pursue a career in the HVAC field or enlist in the Navy with intent on returning to school to earn a degree in Petroleum Engineering.

"I think this will be a fun program to use for a future job, just to have options," he said.

Domenico Lococo is preparing for his future by enrolling in the Heating, Ventilation and Air Conditioning program at the Carrier Educational Center.

“Student Eager To Find Stable Career After HVAC Program”

Lake Shore student Rex Schultz has a great imagination and big plans for himself.
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

119
Students attend Career & Technical Education Programs

$2,079,536
BOCES Aid Generated to District

6
Students attend Special Education Programs

6
Students attend Alternative Education Programs

6.17%
of District Budget
Comprised of BOCES Services

Lake Shore 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.