

GENESEE COUNTY CAREER ROADMAP



Explore Activities, Programs,
and Free Pathways to Success
for Youth in Genesee County, NY



Youth Programs for Your Pathway!

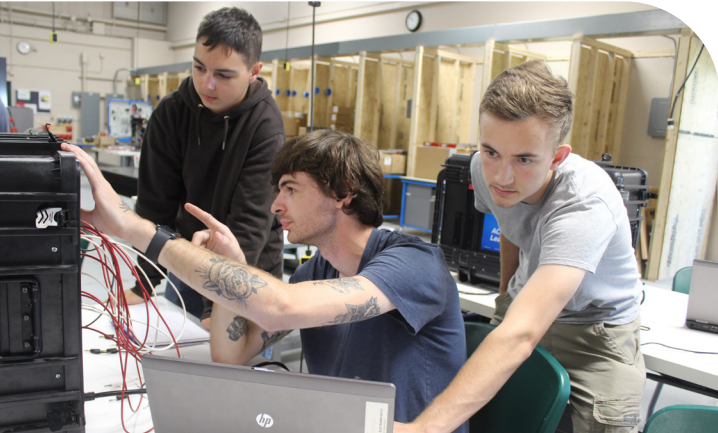
No matter where you start, there's a pathway to success. Manufacturing and skilled trades employers have an aging workforce and they are embracing a new generation of leaders!

But before you start, know that not all pathways are direct. **24% of all first-year college students drop out! And 44% of BOCES students go to college!**

Don't be discouraged! **Every industry wants men and women of all backgrounds to be successful, but too many young women don't pursue these paths.**

With all of the programs in Genesee County, you can test out your skills and find your passions. **Discovering what you don't like is as important as discovering what you like!**

See more steps to success with our Career Checklist!



Grow the Skills to be Ready for a Great Career in Your Backyard

Welcome to the **Genesee County Career Roadmap**, a guide for students, parents, and educators to discover the pathway to a great local career and unlocking how to MAKE A MILLION in MECHATRONICS AND THE TRADES with programs that start before graduation!

With this information, and our career coaches, there's no wrong pathway to success. **We encourage you to pursue your passions, grow your skills, and open new possibilities.**

Last year, over 4,300 students took part in youth programs. They grew their STEM talents, explored careers with hands-on experiences, and began FREE and PAID introductions to rewarding careers and opportunities.

Students can start these pathways at any age, but starting before graduation is a great way to get ahead!



Grow Early STEM Talent



STEAM IN SCHOOL

The building blocks of your future in a growing and exciting career are already found in the Science, Technology, Engineering, Arts, and Math (STEAM) programs at your school!

Through Genesee Valley BOCES, the READYFOR.TODAY program offers exciting STEAM activities like LEGO kits that introduce engineering and programming skills, Littlecodr to explore concepts in coding, logic, prototyping and debugging; and Glowforge, to discover design fundamentals in 2-D and 3-D using a laser printer that uses a beam of focused light to engrave, score, and cut materials.

SOAP BOX DERBIES

Racers get hands-on experience with tools as part of the assembly and decoration of their soap box derby cars. The annual soap box derbies in Genesee County have given dozens of kids and families a fun, hands-on experience that crowns our champion racers.

BEA SUMMER CAREER EXPLORATION CAMPS

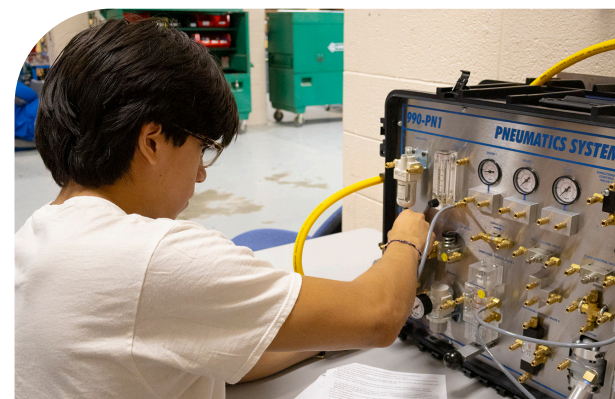
Students in 6th to 10th grades can experience different professions and industries in Genesee County across a variety of week-long day camps. The Business Education Alliance's Summer Career Exploration Camps are held in June, July, and August with focuses including Camp Hard Hat, STEAM, Medical, and Camp BOCES.

beagenesee.com/summer-career-exploration-camps/camphardhat.org

MAKE A MILLION IN MECHATRONICS & THE TRADES

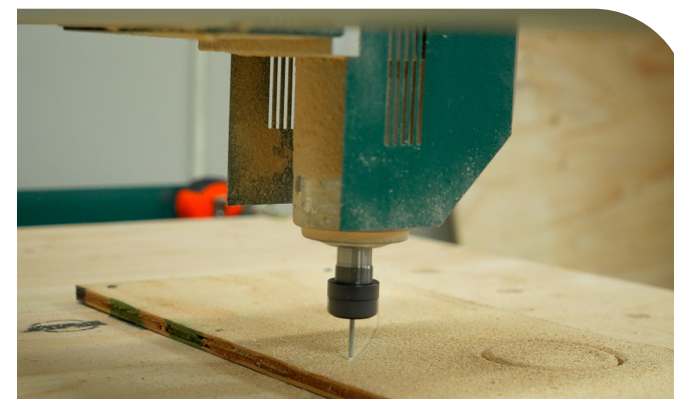
After high school, students can graduate directly into careers that have NO DEBT, sustainable growth and a variety of employers to choose from.

In 2024, we welcomed dozens of students into youth apprenticeships that launched careers paying over \$60,000 in year 1. **With four-year apprenticeships and pay increases, these students earn over \$1 million in salaries, plus benefits!**



MECHATRONICS

How do we keep all the machines and equipment running to make our foods, our phones, and everything else we produce? **With mechatronics to fix and improve them!**



COMPUTER NUMERICAL CONTROL

How do we use computers to manufacture high-tech equipment, cars, and computers? **With CNC technologies directing the process!**



WELDING

How does everything from household pipes to our Navy's submarines work? **Welding technologies make it possible!**

CAREER PATHS IN MODERN MANUFACTURING

Machine Operator/Assembler: These entry-level careers place you in control of equipment during the manufacturing process, including set-up and materials handling. Performing well in these jobs lead to increased opportunities for advancement.

Mechatronics/Electro-Mechanical Technician: Modern manufacturing combines systems that control the mechanical, electrical, and electronics systems. These high-demand careers enable robotic operations that deliver real-time data on performance and issues and precision machining of products.

Maintenance Technician: These careers inspecting, operating and testing machinery and equipment to diagnose malfunctions and improve efficiencies power modern manufacturing. Technicians lead routine maintenance, prevent future issues in equipment, and work across a variety of computer-facing roles.

Computer Numerical Control (CNC)/Precision Machining: CNC professionals use pre-programmed computer software to control the movement of industry tools and machinery. This is a high-demand career in advanced manufacturing, aerospace, medical, automotive, electronics, marine, and oil and gas industries.

Manufacturing Engineer: These experienced professionals oversee the implementation of manufacturing processes and quality control. A bachelor's or master's degree in engineering is often required.

Skilled Tradesperson: These emerging careers in modern manufacturing are in charge of automating traditional manufacturing processes using technologies such as robotics, big data analytics, artificial intelligence, and autonomous systems to improve manufacturing capability and efficiency.

Put Your Future in Your Hands



GENESEE VALLEY BOCES

Students entering 11th and 12th grade can accelerate their careers in mechatronics, CNC machining, welding, and skilled trades through the electro-mechanical trades, metal trades, and building trades programs at Genesee Valley BOCES. Students gain hands-on experience and training and earn entry-level credentials while also getting credits toward future apprenticeships.

gvboces.org/o/gvb/page/career-and-technical-education

GLOW WITH YOUR HANDS: MANUFACTURING

1,000+ students in 8th to 12th grade experience hands-on introductions to our region's advanced manufacturing, skilled trades, and agri-business fields at GLOW With Your Hands: Manufacturing. This program is held each September at the Genesee County Fairgrounds with over 70 companies and organizations hosting activities for students.

glowwithyourhands.com/manufacturing

GLOW WITH YOUR HANDS: HEALTHCARE

600+ students in 8th to 12th grade experience hands-on introduction to our region's healthcare and emergency medical fields at GLOW With Your Hands: Healthcare. This program is held each March at Genesee Community College, and features sessions with healthcare professionals, hands-on demonstrations, and information about training programs.

glowwithyourhands.com/healthcare

Explore Great Careers



FINGER LAKES YOUTH APPRENTICESHIP PROGRAM

In addition to their training in mechatronics, CNC, and welding, Genesee Valley BOCES students make pre-graduation connections to careers at local advanced manufacturing and skilled trades companies as juniors and seniors. The Finger Lakes Youth Apprenticeship Program matches students for 11th grade job-shadows and 12th grade paid internships.

fingerlakesyouthapprenticeship.org

GENESEE VALLEY PRE-APPRENTICESHIP PROGRAM

After High School graduation, this 'earn as you learn' training program connects students to mechatronics and welding careers at local advanced manufacturing and skilled trades companies. The Genesee Valley Pre-Apprenticeship Program's gives students six weeks of paid on-the-job training through registered apprenticeship programs and instruction in Genesee Valley BOCES's mechatronics lab.

fingerlakesyouthapprenticeship.org/gvbootcamp

THE BEST CENTER

Students can accelerate their post-graduation careers at The BEST Center at Genesee Community College. The on-campus service offers flexible technical programs for entry-level and growing professionals. Programs available include high-demand careers in Mechatronics, CNC Machining, HVAC, and Solar Tech.

genesee.edu/about/offices-departments/best-center/

Your Career Coaches

Coach SwazZ

Chris Suozzi
585-409-1301
csuozzi@gcedc.com



Chris "Coach SwazZ" Suozzi works with businesses, schools and workforce partners as EVP, Business & Workforce Development at the GCEDC. **Coach SwazZ is excited to help you MAKE A MILLION IN MECHATRONICS & THE TRADES!**



Dr. E

Sheila Eigenbrod
seigenbrodphd@gmail.com

Dr. Sheila "Dr. E" Eigenbrod has helped students succeed throughout her career in education. As a retired Middle/High School Principal, Dr. E has the experience to help get you on the right path to success!



Genesee
County
Economic
Development
Center

99 MedTech Drive, Suite 106, Batavia, NY 14020
585-343-4866 | GCEDC.com

Take the Next Step



ACT WorkKeys Assessments

Hundreds of current students, graduates, and professionals will be gaining National Career Readiness Certificates (NCRC) through ACT WorkKey Assessments in the coming years.

Certification in Applied Math, Graphic Literacy, and Workplace Documents gives students clear guidance on their strengths and areas of improvement, and a resume item recognized by over 100 Genesee County businesses!

Nine students at Pavilion Central Schools were the first to start this journey, achieving four Gold, four Silver, and one Bronze certification in career readiness skills.

"It's going to be nice for people to put on paper what you know in your head," said Timothy Lonnen, a graduating senior. "You can have an SAT score for college, but this will give you a score for real jobs coming out of high school."

WorkReadyCommunities.org/NY/037

Build Submarines

The Navy is on a once-in-a-generation journey to transform its nuclear-powered submarine fleet and maintain its critical undersea advantage. This mission will require the addition of more than 100,000 skilled workers to ensure success, from CNC, welding and engineering, to design, additive manufacturing and non-destructive testing.

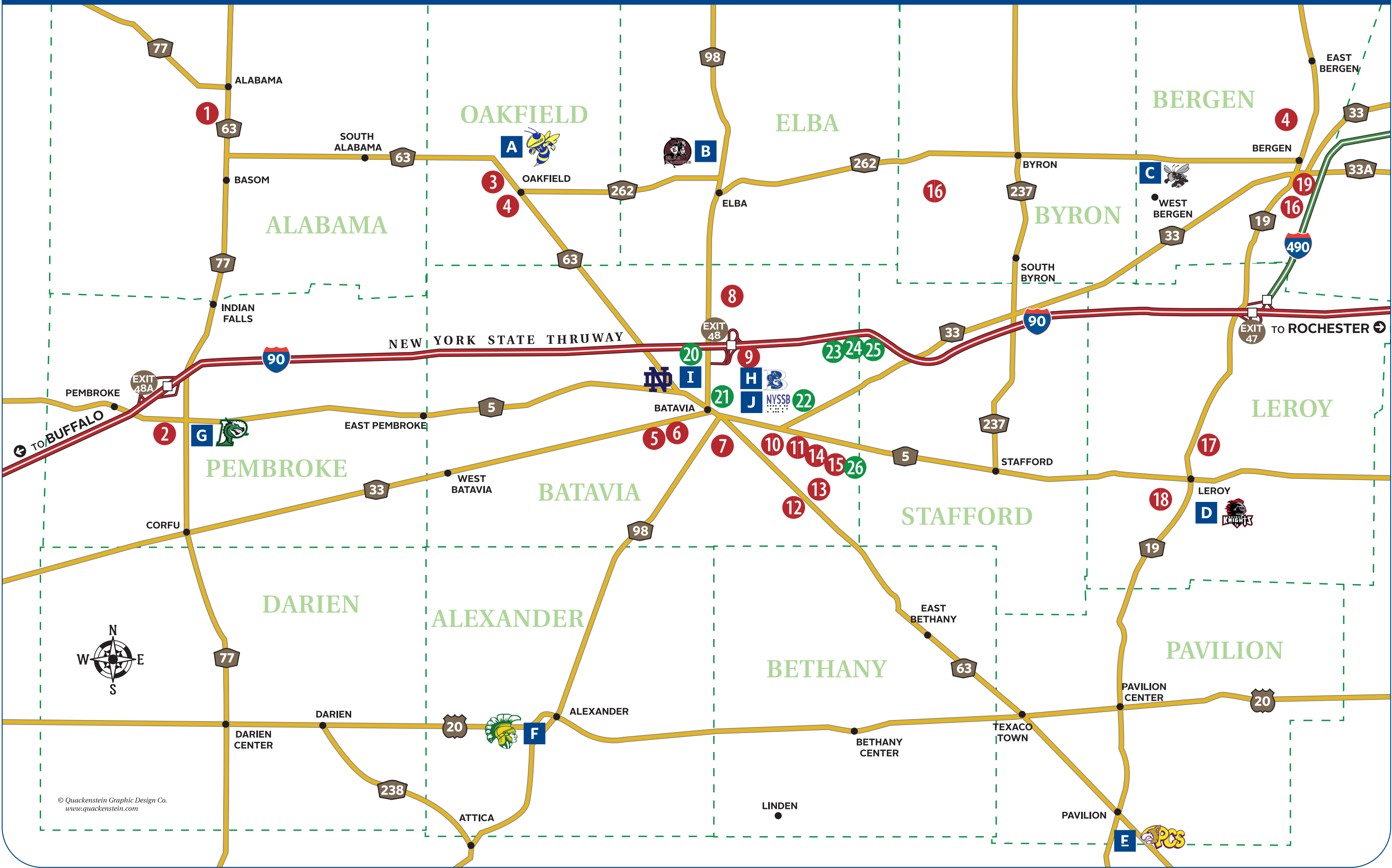
Build Submarines connects job seekers with companies manufacturing the Navy's next-gen submarines, including Graham Manufacturing in Batavia.

BuildSubmarines.com

BUILD SUBMARINES



GENESEE COUNTY CAREER ROADMAP



1 Edwards Genesee
1249 STAMP Drive, Alabama
edwardsvacuum.com/en-us/join-us
Edwards Genesee manufactures vacuum and abatement technologies that support the semiconductor and advanced manufacturing industries. The company is constructing a 280-worker semiconductor dry pump manufacturing facility at the STAMP mega-site in the town of Alabama.

2 Yancey's Fancy
8818 Brickhouse Road, Corfu
yanceysfancy.com/jobs
Yancey's Fancy produces award-winning artisan and natural cheeses at our facilities in Pembroke. Yancey's Fancy's 105 workers include technicians and production staff that deliver food safety, food quality and quality assurance.

3 U.S. Gypsum
2750 Maple Avenue, Oakfield
USG.com/careers
U.S. Gypsum, Oakfield is a continuous paper manufacturing operation, making the back paper for drywall used in residential and commercial building. 105 people work in our Oakfield facility, including production operators, technicians, maintenance mechanics, electricians and engineers.

4 Nortera
1249 STAMP Drive, Alabama
40 Stevens Street, Oakfield
15 Church Street, Bergen, NY 14416
norterafoods.com/en/jobs/
Nortera is North America's leader in processed vegetables. Our workers in Oakfield and Bergen produce fresh frozen vegetables through careers including operators, refrigeration supervisors, maintenance mechanics, quality control technicians, and line associates that can start with a youth apprenticeship.

5 Amada Tool America
4A Treadeasy Avenue, Batavia
namada.com/america/employment-home
Amada Tool produces turret punch press and brake tooling to be used in the sheet metal punching and bending industry. We employ an average of 55 people at our Batavia plant, including machine operators, machinists and engineers.

6 Triton Mechanical
50 Franklin Street, Batavia
tritonmech.com/index.cfm?Page=Careers
Triton Mechanical supports commercial customers with refrigeration, heating, ventilation, air conditioning and ventilation services. Our team includes service technicians, installation mechanics, and HVAC project managers.

7 Oetiker
1 Mill Street (#205), Batavia
oetiker.com/en-us/careers
Oetiker creates clamps, straps, rings, and quick connectors for automotive, commercial, and industrial markets. Oetiker has 2000+ employees in 31 countries and 13 manufacturing facilities. Career opportunities include operators, inspectors, maintenance technicians, and engineers.

8 LandPro Equipment
4540 West Saille Drive, Batavia
landproequipment.com/careers/
LandPro Equipment is a John Deere dealer that sells and services equipment for precision agriculture, commercial, and construction. Our state-of-the-art Batavia facility includes a regional training center and 60 positions including skilled technicians and mechanics.

9 Freightliner & Western Star of Batavia
8190 State Street Road, Batavia
fmiibuffalo.com/careers
Freightliner & Western Star of Batavia is a heavy duty class 6-8 truck dealership. Providing service, parts and sales to local and on-highway customers. We have 25 employees, including diesel technicians, parts counter associates and truck salesmen.

10 Graham Manufacturing
20 Florence Avenue, Batavia
graham-mfg.com/careers/
Graham Manufacturing is a global leader in the design and manufacturing of fluid, power, heat transfer, and vacuum technologies for the defense, space, energy and process industries. In Batavia, our team of 350 includes positions in welding, engineering and maintenance that can start with an internship.

11 Arctic Refrigeration
26 Cedar Street, Batavia
arcticrefrigeration.com/
Arctic Refrigeration provides refrigeration, heating, ventilation, air conditioning and indoor air quality services to our residential, commercial/industrial and agricultural customers.

12 Chapin International
700 Ellicott Street, Batavia
chapinmfg.com/pages/careers
Chapin International designs and manufactures a variety of lawn and garden equipment for consumer and commercial uses. In Batavia, Chapin's facility employs 300 workers in a variety of roles including finance, engineering, manufacturing, and sales.

13 O-AT-KA Milk Products Cooperative & 14 Upstate Niagara Cooperative
4815 Ellicott Street Road, Batavia
5011 West Agg Park Drive, Batavia
upstateniagara.com/careers
Upstate Niagara Cooperative's 8 manufacturing facilities process milk from 250 member farms into products like Intense Milks, Bison dips, yogurt, and a variety of milk-based products like cottage cheese, sour cream, milk and cream. We employ over 1,700 people (515 in Batavia) in our facilities in careers including production, engineering, maintenance, sales, training and development, research, and food safety to executive leadership positions.

15 HP Hood
5140 West Ag Park Drive, Batavia
HPhood.com/careers
HP Hood makes extended shelf-life dairy products in Batavia, both dairy and non-dairy. The 450 careers at the state-of-the-art facility include but are not limited to technicians, maintenance mechanics and engineers.

16 Oxbo
7575 Byron Road, Bergen
7101 South Lake Road, Bergen
oxbo.com/careers/?lang=en
Oxbo manufactures and services specialty harvesting equipment at our Byron plant, and has locations throughout the US, Netherlands, UK, France and Brazil. Oxbo employs about 150 people locally (1,300 internationally), including technicians, welders and engineers, and is growing to 200 with a new facility being constructed in Bergen.

17 OrCon
8715 Lake Street Road, Le Roy
orconind.com
OrCon manufactures industry-leading and next-generation sustainable packaging solutions for the manufacturing, defense, medical, electronics and medical industries at our Le Roy facility. Our careers include manufacturing and design of new products.

18 LAPP Insulators
130 Gilbert Street, Le Roy
pfisterer.com/career/
LAPP manufactures high-voltage insulators that support electrical grids around the world. Around 125 workers at our Le Roy facility are part of a global workforce with careers in assembly, industrial mechanic, engineering and CNC manufacturing.

19 Liberty Pumps
7000 Appletree Avenue, Bergen
libertypumps.com/About/About-Us/Employment-Opportunities
Liberty Pumps is a family and employee-owned company that manufactures pumping products for ground and wastewater removal in residential and commercial applications. We currently employ 350 in positions such as engineering, machining, maintenance techs, assembly, and warehousing.

20 Genesee County BEA
8276 Park Road, Batavia
beagenesee.com
The BEA creates and implements programs designed to create a stronger workforce and educate youth on pathways available locally. We coordinate job fairs, summer career exploration camps, business tours and classroom speakers.

21 Batavia Career & Technical Education Center
8250 State Street Road, Batavia
gvboces.org
The Batavia Career & Technical Education Center offers programs proven to lead to college and career readiness. Students in Batavia complete training and youth apprenticeships that lead to high-paying careers in construction, manufacturing and engineering.

22 Genesee County Career Center
587 East Main Street, Suite 100, Batavia
geneseeny.gov/Job-Development-Bureau
glowworks.org/
The Genesee County Job Development Bureau, GLOW Workforce Development Board, and Department of Labor provide one-stop shopping for services and programs to help youth and adults become self-sufficient and remove barriers for employment.

23 Genesee County Community College
1 College Road, Batavia
genesee.edu
Genesee Community College welcomes students to over 600 courses each semester in over 60 programs that lead to Associate's degrees, certificates and micro-credentials. Our campus in Batavia hosts courses, a dedicated Student Success Center, and the BEST Center.

24 The BEST Center
1 College Road, Batavia
genesee.edu/about/offices-departments/best-center
The BEST Center at Genesee Community College is a hub for business-ready skills training, including open-enrollment technical programs in mechatronics, electrical trades, CNC machining, and HVAC careers.

25 Genesee County Economic Development Center
99 MedTech Drive, Suite 106, Batavia
gcdec.com/workforce
The GCDEC is Genesee County's economic development organization and supports the growth of new and existing businesses. We support workforce development programs like GLOW With Your Hands and apprenticeship programs.

26 Genesee County Youth Bureau
5130 East Main Street, Batavia
geneseeny.gov/Youth-Bureau
The Genesee County Youth Bureau assists with the development and funding of programs that encourage positive youth development.

- A** Oakfield-Alabama Central Schools
- B** Elba Central Schools
- C** Byron-Bergen Central Schools
- D** LeRoy Central Schools
- E** Pavilion Central Schools
- F** Alexander Central Schools
- G** Pembroke Central Schools
- H** Batavia Central Schools
- I** Notre Dame High School
- J** New York State School for the Blind

