

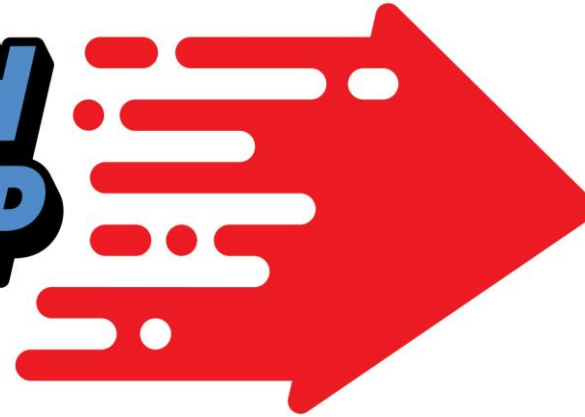
FINGER LAKES **YOUTH**
APPRENTICESHIP
PROGRAM



Monroe
Community
College
STATE UNIVERSITY
OF NEW YORK

Created in 2019. Now in its fourth year.

FINGER LAKES YOUTH APPRENTICESHIP PROGRAM



About the Finger Lakes Youth Apprenticeship Program

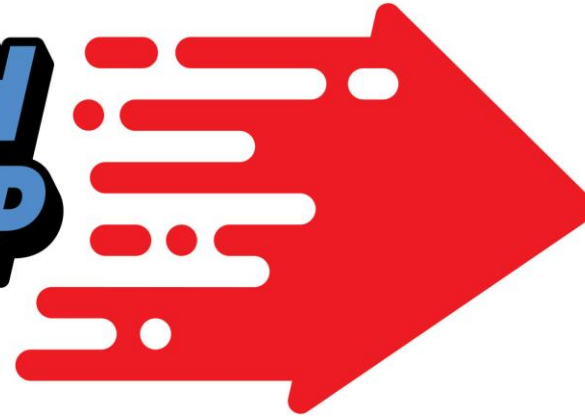
Created by RTMA and MCC

Bob Coyne, Executive Director at RTMA
(former Director of Workforce Development)

Dale Pearce, Asst. Athletic Dir. at MCC
(former Program Director - Apprenticeship & Curriculum Development)



FINGER LAKES YOUTH APPRENTICESHIP PROGRAM



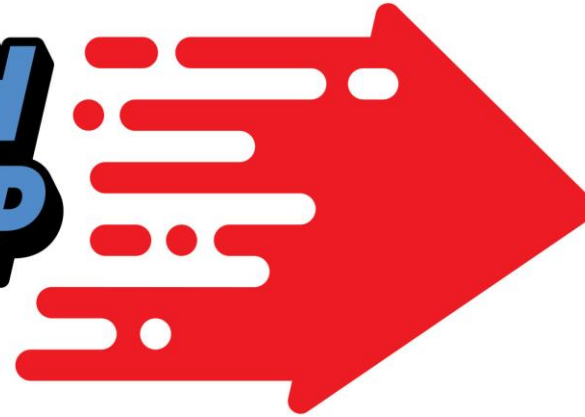
About the Finger Lakes Youth Apprenticeship Program

Rich Turner, RTMA
Director of Workforce Development

10+ years in Economic & Workforce Development
12+ years in local government
10 years in media and marketing



FINGER LAKES YOUTH APPRENTICESHIP PROGRAM



About the Finger Lakes Youth Apprenticeship Program

Mike Smith, MCC
Apprenticeship Manager

20+ years Business Experience
5 years Academic & Technical Experience



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FINGER LAKES YOUTH APPRENTICESHIP PROGRAM



What is the Finger Lakes Youth Apprenticeship Program?

A one-of-a-kind solution to the skills gap in advanced manufacturing in the Finger Lakes.

FLYAP bridges the gap between students and the modern-day workforce.

FINGER LAKES **YOUTH** **APPRENTICESHIP** **PROGRAM**



How does FLYAP work?

FLYAP connects high school students to local advanced manufacturing companies through ‘Matching Days,’ job shadows and paid co-ops.

We are building a talent pipeline.

**FINGER LAKES YOUTH
APPRENTICESHIP
PROGRAM**



Why Youth Apprenticeships are needed!

There is a critical shortage of jobs in manufacturing.

FLYAP provides real-world on-the-job training.

Apprenticeships are Higher Education.

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APPRENTICESHIP
PROGRAM



Partnerships help make FLYAP a success!

RTMA and MCC manage the program.

FLYAP works with administrators, work-based learning coordinators, CTE instructors and more.

FINGER LAKES YOUTH APPRENTICESHIP PROGRAM



Partnerships help make FLYAP a success!

FLYAP secures crucial grant funding through RG&E for outreach, promotion and marketing.

MCC utilizes Ralph C. Wilson Grant for Dual Enrollment credits.



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Benefits of Youth Apprenticeships

Students learn soft skills (interviewing) and hands-on skills (i.e. machining and mechanical).

Character development and 'Real World' experience at an advanced manufacturing company.

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Educational Benefits for Youth Apprentices

Juniors & Seniors - Eligible for up to two college course credits each year at no cost.

YA's earn related instruction & on-the-job credits towards a NYS Registered Apprenticeship.



RALPH C. WILSON, JR.
FOUNDATION

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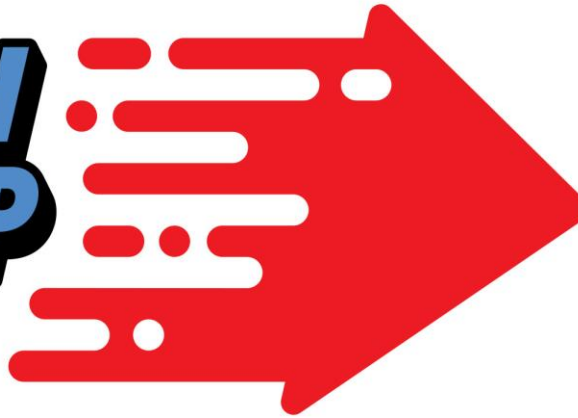
2022 - 2023 FLYAP Timeline

September & October - Student & Business Recruitment and event planning.

November & December - Matching Day interviews - mostly online while in school!

January February - Signing Day Events!

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Students Choose Their Path!

FLYAP connects to 15
manufacturing trades!

Videos, information
provided on FLYAP.org.

The screenshot shows the FLYAP website interface. At the top, there is a navigation bar with the FLYAP logo and links for 'Applications', 'For Students & Families', 'For Employers', and 'For Educators'. The main heading is 'Choose Your Own Adventure' with the subtext 'Apprenticeship offers many paths to a successful career'. Below this, there are three video thumbnails, each with a play button and a duration indicator. The first video is titled 'Maintenance Mechanic – Automated Equipment' and has a duration of 0:00 / 0:44. The second video is titled 'Welder' and has a duration of 0:00 / 0:53. The third video is titled 'CNC Machinist' and has a duration of 0:00 / 1:00. Below each video thumbnail is a short paragraph of text describing the trade and its requirements.

Maintenance Mechanic – Automated Equipment
Do you like to take things apart and put them back together again? Do you like to fix and repair things? Do you like to try and figure out how things work and then fix the problems to make it work? Do you like to use machines to make parts? If you like troubleshooting and repairing things, then becoming a Maintenance Mechanic is for you!

Welder
Do you have an interest in being creative? Did you ever wonder how two pieces of metal can be put together to make something? Do you want to make parts that go on jet, automobile, motorcycle or construction equipment? If you want to work with robots, then Welding is for you!

CNC Machinist
Do you want to make a medical device for joint replacement, a fuel nozzle for a Boeing jet liner or a component on a new Tesla car? If you like to run and set up machines, then CNC Machining is for you!

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Student and Business Recruitment

FLYAP works with every BOCES and Career & Technical Education high school in the nine-county region.

RTMA matches CTE programs with employers' needs (i.e. machining, mechatronics, welding, etc.).

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FLYAP Matching Days

FLYAP Team coordinates via region and trades.

Each student gets at least four, 10-minute interviews with manufacturing companies.

Students and businesses rank each other; mutual interest is taken into consideration.

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Youth Apprentice On-The-Job Experiences

Juniors - unpaid 8-hour job shadow.

Seniors - paid co-op of \$15.00 per hour.

Businesses are flexible to students' schedules!

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FLYAP Signing Days - a Celebration of Success!

We host events like the Pro Sports Drafts and Letter of Intent Days to celebrate the students & companies!



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FLYAP Growth Throughout the Years

2019-20: 4 CTE schools, 34 students & 15 businesses.

2020-21: 7 CTE schools, 64 students & 36 businesses.

2021-22: 10 CTE schools & 12 public schools,
300+ students & 100+ businesses.

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Continuing a Record of Success!

More than 250 placed in FLYAP's first three years.

Significant growth year-by-year.

Becoming a model across New York State and U.S.

**FINGER LAKES YOUTH
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Continuing a record of success!

Nearly 20% of graduates now work in manufacturing.

Several are NYS Registered Apprentices.

Participants earned nearly 1,000 college credits.

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Expectations for 2022 - 2023 FLYAP Year

Expecting 350 to 500 students to apply.

More than 100 participating companies.

Anticipate 1,500 Matching Day Interviews.

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Challenges that FLYAP is facing

Managing growth - numbers have tripled!

Business involvement and retention.

Better data management and communication.

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How Schools Can Help Team FLYAP

Educators are the best partners!

We need *YOU* to help get students involved.

Assist with registration and communication.

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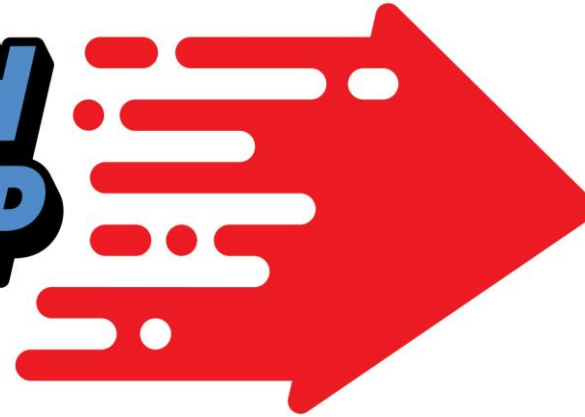
How Schools Can Help Team FLYAP

Help connect to your students and families.

Expand FLYAP's Business Offerings.

We want to learn from you!

FINGER LAKES YOUTH APPRENTICESHIP PROGRAM



FLYAP is Always Improving!

Continuous updates on website & marketing.

Utilizing more technology for better responses.

Youth Apprenticeship as a post high school option.



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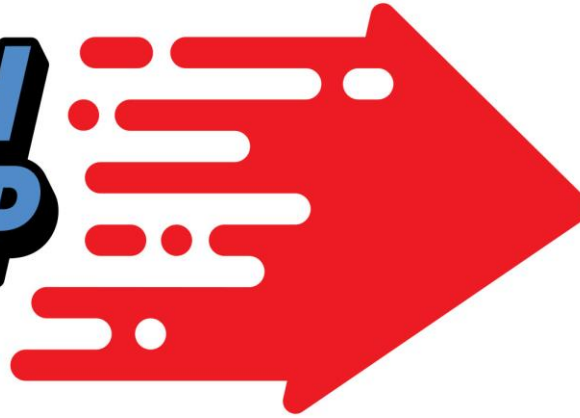
New Resources to Check Out!

Visit: FingerLakesYouthApprenticeship.org

Timeline Page is updated frequently!

New Resources - **“SOFT SKILLS”** - Page

FINGER LAKES YOUTH APPRENTICESHIP PROGRAM



FLAME Post 2024

Finger Lakes Advanced Manufacturing Explorers Post.

For students 14 to 18 years old.

RTMA ROCHESTER TECHNOLOGY & MANUFACTURING ASSOCIATION

FINGER LAKES YOUTH APPRENTICESHIP PROGRAM

70th EXPLORING ANNIVERSARY

Finger Lakes Youth Advanced Manufacturing Explorer Post 2024 (FLAME)

Who
Young Men/Women
Age 14-18
Must be in at least 9th grade

Where
RTMA Offices
2024 W. Henrietta Rd
Suite 3-J
Rochester, NY 14623

Details
Please email us for more information!
info@rtma.org

Cost to participate in the program covers registration and insurance.

The Finger Lakes Youth Advanced Manufacturing Explorer Post allows students to explore a career in advanced manufacturing before graduating high school. There will be tours and hands on experience.

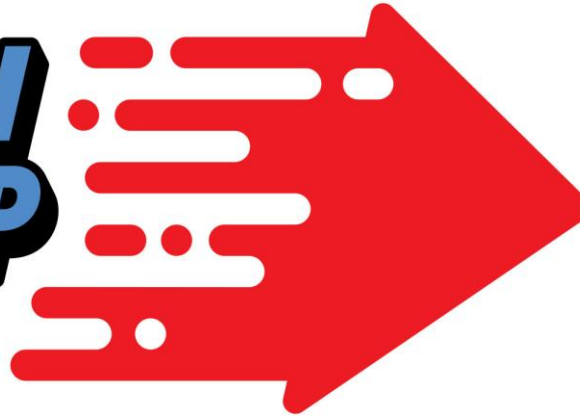
Possible careers can include:

- Welder
- CNC Machinist
- Machine Builder
- Building Maintenance Technician
- Pipefitter
- Mold Maker
- Toolmaker
- Industrial Manufacturing Technician
- Quality Assurance Auditor
- Electromechanical Technician
- Electronics Technician
- Electrician
- Precision Optics Technician
- Maintenance Mechanic

Meetings will be monthly during the school year (September - June) at various locations with dates and times to be determined.



FINGER LAKES YOUTH APPRENTICESHIP PROGRAM



FLAME Post 2024

Provide hands-on demonstrations for several manufacturing trades.

Tour educational facilities and local manufacturing companies.

RTMA ROCHESTER TECHNOLOGY & MANUFACTURING ASSOCIATION

FINGER LAKES YOUTH APPRENTICESHIP PROGRAM

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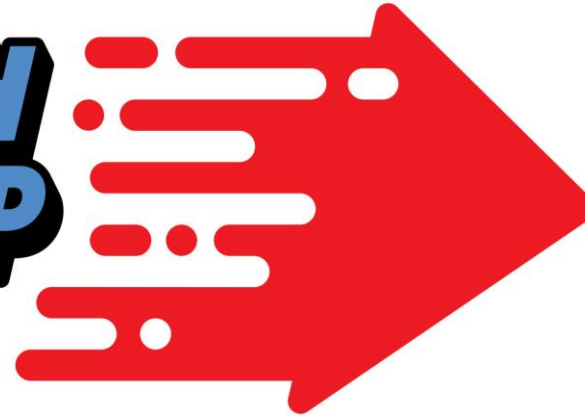
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FINGER LAKES **YOUTH** **APPRENTICESHIP** PROGRAM



Genesee Valley Pre-Apprenticeship Boot Camp

Sponsor of the Genesee Valley Pre-Apprenticeship Boot Camp.

Post High School students matched with industry for 6-week co-op.

Genesee Valley
Pre-Apprenticeship Boot Camp
TRAINING THE NEXT GENERATION OF WORKFORCE
FOR BUSINESSES IN THE GLOW REGION

July 11 - August 25, 2022
Genesee Valley BOCES
8250 State Street Road, Batavia, NY 14020

EARN AS YOU LEARN

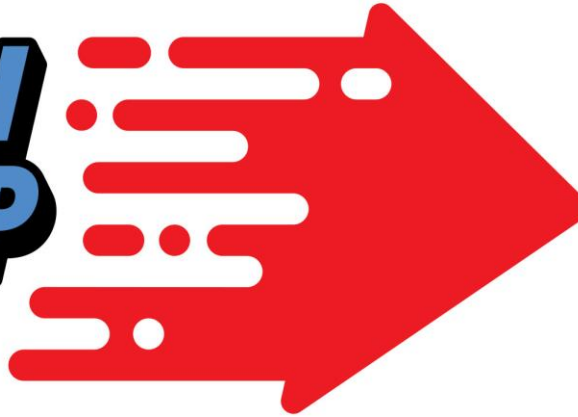
- Adults 18+ in the G.L.O.W. Region
- Debt Free Continued Education
- Classes at Batavia CTE
- Paid On-the-Job Training
- Registered Apprenticeship Opportunity

LEARN MORE & APPLY TODAY!
www.flyap.org/GVbootcamp

Accepting student applications through June 20th

2022 Program Sponsors and Partners

FINGER LAKES **YOUTH** **APPRENTICESHIP** PROGRAM



Genesee Valley Pre-Apprenticeship Boot Camp

Participants receive 96 hours of related instruction.

Pre-Apprentices also receive 120 to 150 hours on-the-job experience.

Genesee Valley
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TRAINING THE NEXT GENERATION OF WORKFORCE
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2022 Program Sponsors and Partners

FINGER LAKES YOUTH APPRENTICESHIP PROGRAM



ROC WITH YOUR HANDS

Founding sponsor of ROC WITH YOUR HANDS Career Exploration Event!

Tuesday, October 4th at Rochester Community Sports Complex.



FINGER LAKES YOUTH APPRENTICESHIP PROGRAM



ROC WITH YOUR HANDS

Hands-on demonstrations, videos, information & merch for students!

Explore Advanced Manufacturing, Skilled Trades, Auto Tech & Heavy Equipment - lunch also provided!



FINGER LAKES YOUTH APPRENTICESHIP PROGRAM



FLYAP Event Involvement

Community Job Fairs.

School Career Exploration events.

Industry Panels & Outreach Events.



**FINGER LAKES YOUTH
APPRENTICESHIP
PROGRAM**



Don't Hesitate to Contact Us!

Rich Turner - Rturner@RTMA.org
(585) 721-6930- Mobile

Mike Smith - MSmith428@MonroeCC.edu
(585) 545-8726 - Mobile

We are here for you!

**FINGER LAKES YOUTH
APPRENTICESHIP
PROGRAM**



Other Ways to Contact FLYAP

Visit: FingerLakesYouthApprenticeship.org

Contact: info@FingerLakesYouthApprenticeship.org

Call: (585) 510-4278 (*voicemail*)

FINGER LAKES **YOUTH**
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Thank you!
Any Questions?