

ADVANCED MANUFACTURING

Advanced Manufacturing includes jobs that design, implement, manage, and produce innovative technology. It covers the following job areas: optics, welding, roofing, machine operating, tooling, painting, electrics and mechanics.

Advanced Manufacturing jobs can be in these areas:

- ⇒ Optics Technician
- ⇒ Electrical/Mechanical Assembler
- ⇒ Toolmaking
- ⇒ Roofing
- ⇒ Welding, Painting
- ⇒ Assembly and Packaging
- ⇒ Manufacturing and Production: Machine Tools
- ⇒ Engineering: Drafting and Engineering Design

Training Requirement: Varies. Example jobs above require an Associates Degree or less

Median hourly Wage for Example Jobs (Wages are for 2020):

- ◆ Welder: \$44,200 (or \$20.15/hr.)
- ◆ Machinist Mate: \$44,408 (or \$21.00/hr.)
- ◆ Electrician/Electrical Assembler \$42,092 (or \$19/hr)
- ◆ Carpenter Foreman: \$44,462 (or \$23.00/hr.)
- ◆ Production Technician: \$36,000 (or \$18.00/hr.)

For a list and description of **all** of the advanced manufacturing careers, go to www.onetonline.org or contact SWFI.

SOURCE: U.S. BUREAU OF LABOR STATISTICS; O*NET
ONLINE; THE BALANCE CAREERS



Rochester Rehabilitation Center's Strengthening Working Families Initiative (SWFI) offered a program in partnership with area employers, businesses, education and training institutions and community organizations to create access to living-wage jobs, and support career advancement in high demand industries for parents with dependent children at home. Job training, job placement, career advancement and benefits management were all a part of this initiative. Key Partners: Child Care Council, Inc. and Action for a Better Community, Inc.

SWFI provided low- to middle-skilled parents opportunities to advance in their careers in high-growth or in high-demand industries-including health care, advanced manufacturing, and information technology – while addressing barriers related to accessing training and employment faced by those with child care responsibilities.

The training directory was produced by SWFI's Trainers Network. The Network, led by the SWFI partner, Action for a Better Community, Inc, consisted primarily of training programs, as well as workforce system organizations, government agencies and community-based organizations in Monroe County, NY that came together to address training-related community needs.

On July 1, 2021, the SWFI program will end. However, **Rochester Rehabilitation Center staff are available to provide information about getting help with paying for training-related items, childcare and transportation.** Staff will also have information about the future work of the Trainers Network and the program to replace SWFI. For more information, contact:

Rochester Rehabilitation Center
1357 University Avenue
Rochester, NY 14607
(t) 585-263-2690
SWFI@ROCHESTERREHAB.ORG

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STRENGTHENING WORKING FAMILIES INITIATIVE (SWFI)



Advanced Manufacturing Resource Directory

to help parents in Monroe County become
aware of available advanced
manufacturing training resources

Organization	Location	Website	Training Programs/Classes Offered	Help with Paying for Training
Young Adults Manufacturer Training Employment Program (YAMTEP)	282 Hollenbeck Street Rochester, NY 14621 (t) 585-467-5279	https://www.yamtep.com	<u>YAMTEP training offerings:</u> -No skill /low skill basic manufacturing training (12 weeks – restart after COVID-19 pandemic ends) -Warehouse and Distribution training (12 weeks – restart after COVID-19 pandemic ends) -CNC operations (12 weeks – restart after COVID-19 pandemic ends) -Basic skills manufacturing, resume writing and interviewing skills and forklift licensing (3 weeks)	Contact RochesterWorks, Inc. or NYS Department of Labor at www.Rochesterworks.org and www.dol.ny.gov/find-job-0 or 585-258-3500 Contact SWFI for information about getting help with paying for training –related items, childcare and transportation- see back page for contact info Cost: Free *for more information, call the training program
GORBEL Inc.	1777 East Henrietta Road Rochester, NY 14623 (t) 800-821-0086	www.gorbel.com	Welding, material handling, mechanical assembling, electrical installation, and more	Cost: Contact the organization
Monroe #1 BOCES	25 O'Connor Road Fairport, NY 14450 (t) 585-377-4660	https://www.monroe.edu *Open to the public (also a source for professional development for workers)	Automated Manufacturing and Machining Welding/Metal Trades	Cost: Free *for more information, call the training program
Monroe Community College (MCC)	1000 East Henrietta Road Rochester, New York 14623 (t) 585-292-2000	For all Trainings, go to: https://www.monroecc.edu/ For Optical Systems Technology, go to: www.monroecc.edu/go/optics	Applied Integrated Technology, AAS Mechatronics Certificate Optical Systems Technology, AAS/Certificate Precision Machining, AAS/Certificate Precision Machining – Optical Fabrication Certificate	Cost: Varies *for more information, call the training program
Rochester City School District Office of Adult and Career Education Services (OACES)	30 Hart Street, 2nd floor Rochester, NY 14605 (t) 585-730-8800	www.oaces.net	Printing & Promotions	Cost: Contact the organization
Isaac Training and Education Center	105 McLaughlin Road Rochester, NY 14615 585-785-4524 ext.. 112	www.isaacheating.com	Training in plumbing, electrical, HVAC, constructional trades	Cost: Varies *for more information, call the training program
SUNY For All - SUNY	Contact: (518) 631-2262 sunyforall@suny.edu Phone: 518.320.1888 (Toll-Free) 1-800-342-3811 Email: askSUNY@suny.edu	https://www.suny.edu/sunyforall *SUNY Online Training Center offers free high school equivalency, college prep, and employment certification programs in high demand areas as well as success coaches trained to guide participants	Business & Industry Certification: Emergency Telecommunications, Advanced Manufacturing, Webinar Business Trainings, Business Advisement, Virtual Entrepreneurship , Small Business Certificate	Cost: Contact the organization
The Gleason Works	1000 University Avenue Rochester, NY 14607 (t) 585-473-1000	www.gleason.com	NYS Apprenticeship Programs Gleason provides the internal training and tuition assistance for external training	Cost: Contact the organization
The Rochester Arc + Flame Center (RocAFC)	125 Fedex Way Rochester, NY 14624 (t) 585-349-7110	https://www.rocafc.com	Welding, Glass Working and Blacksmithing	Cost: Varies *for more information, call the training program