



Apprenticeship
Programs at SUNY

APPRENTICESHIP PROGRAMS IN ADVANCED MANUFACTURING

The State University of New York

An advanced manufacturing Registered Apprenticeship Program, a workforce training model that combines paid on-the-job training (OJT) and formal instruction (Related Instruction - RI), provides an innovative approach to employee development and empowers workers to master the advanced knowledge, skills, and competencies required for success in cutting-edge fields.

This training and education model is specifically tailored to meet the demands of employers in advanced manufacturing. It encompasses a wide range of specialized areas, ensuring that apprentices are well-equipped for roles that involve precision, automation, and state-of-the-art technologies.

According to a recent New York State Department of Labor (NYSDOL) Job Seeker Survey, 10% of employees that classify themselves as working in manufacturing are seeking work. In the highly specialized world of advanced manufacturing and with continuous development in manufacturing technology, the value of a well-trained and skilled workforce cannot be overstated.

EMPLOYERS BENEFIT FROM REGISTERED APPRENTICES WHO:

- Receive full-time, paid employment in the advanced manufacturing industry.
- Produce high-quality work with precision and urgency while learning on the job.
- Receive an increasing scale of wages based on skill progression, improving employee retention.
- Complete a minimum of 144 hours of academic "Related Instruction" per year gaining advanced manufacturing skills.
- Complete a minimum of 2,000 hours of on-the-job training per year with a focus on company procedures and processes.
- Operate under the close supervision of a skilled worker at the company who directly shares institutional knowledge.
- Receive a nationally recognized credential and progress toward a SUNY certificate or degree.

KEY EMPLOYER ADVANTAGES INCLUDE:

INDUSTRY-RELEVANT TRAINING: Apprentices gain structured, practical, hands-on experience and theoretical knowledge that aligns with the cutting-edge trends and demands of advanced manufacturing.

HIGH RETURN ON INVESTMENT (ROI): Companies and organizations can experience an average ROI of \$1.47 for every dollar invested, with substantial public benefits.

COLLABORATIVE PARTNERSHIP: Benefit from a robust partnership between private industry and public institutions, ensuring a holistic learning experience.

SUNY has supported over 150 employers with a variety of apprenticeable occupations including:

INDUSTRIAL MANUFACTURING TECHNICIAN:

GlobalFoundries, Cummins, and Fala Technologies.

TOOLMAKER: Amphenol Aerospace, Peko Precision Products, and PPC Broadband.

ELECTRO-MECHANICAL TECHNICIAN: Barilla America, Plug Power, and Eastman Kodak.

ADDITIONAL OCCUPATIONS INCLUDE: Machinist (CNC), Maintenance Mechanic (Automatic Equipment), Moldmaker, Tool & Die Maker, Project Manager, Quality Assurance Auditor, and Plant Maintenance - Electrician/Mechanic.

Funding Available*

- Tuition support of up to either \$6,000 or \$8,000 per apprentice studying at a SUNY college.
- Up to \$1,000 tuition support for pre-apprenticeship training.
- Up to \$1,500 in hiring/retention incentives for businesses.
- Additional employer incentives available from NYS Department of Labor (NYSDOL).
- Critical, short-term support funding for registered apprentices.

**Available for NYS Registered Apprenticeship Sponsors and Signatories on a first come, first served basis.*

Two Ways to Register an Apprenticeship Program in Advanced Manufacturing:

1. REGISTER DIRECTLY WITH THE NYS DEPARTMENT OF LABOR

- NYSDOL supervising apprentice training representative collaborates with businesses throughout the process (www.dol.ny.gov/apprenticeship).
- Thirty-day comment period.
- Additional apprenticeship titles may not be added for two years.
- No cost for registration or administration.

2. JOIN UNDER A GROUP SPONSOR SPECIALIZING IN ADVANCED MANUFACTURING

- The NYS Manufacturers Intermediary Apprenticeship Program sponsors and manages various advanced manufacturing trades (www.nysapprenticeship.org).
- Group sponsor works directly with NYSDOL on paperwork on behalf of employers.
- No comment period, and additional advanced manufacturing titles may be added at any time.



GET STARTED TODAY!

SUNY is a trusted partner for NYS Registered Apprenticeships in advanced manufacturing. Reach out to learn more!

SUNY System Administration Office of Workforce Development and Upward Mobility

JEFF LOWTHER

Mid-Hudson, Long Island & NYC

✉ jeff.lowther@suny.edu

☎ 512.289.9632

KELLY NAVARRO

Western NY & Finger Lakes

✉ kelly.navarro@suny.edu

☎ 716.812.7884

KIM THURN

Capital Region

& Mohawk Valley

✉ kim.thurn@suny.edu

☎ 518.641.2599

ANGELINA SANFILIPPO

North Country & Central NY

✉ angelina.sanfilippo@suny.edu

☎ 315.514.2519