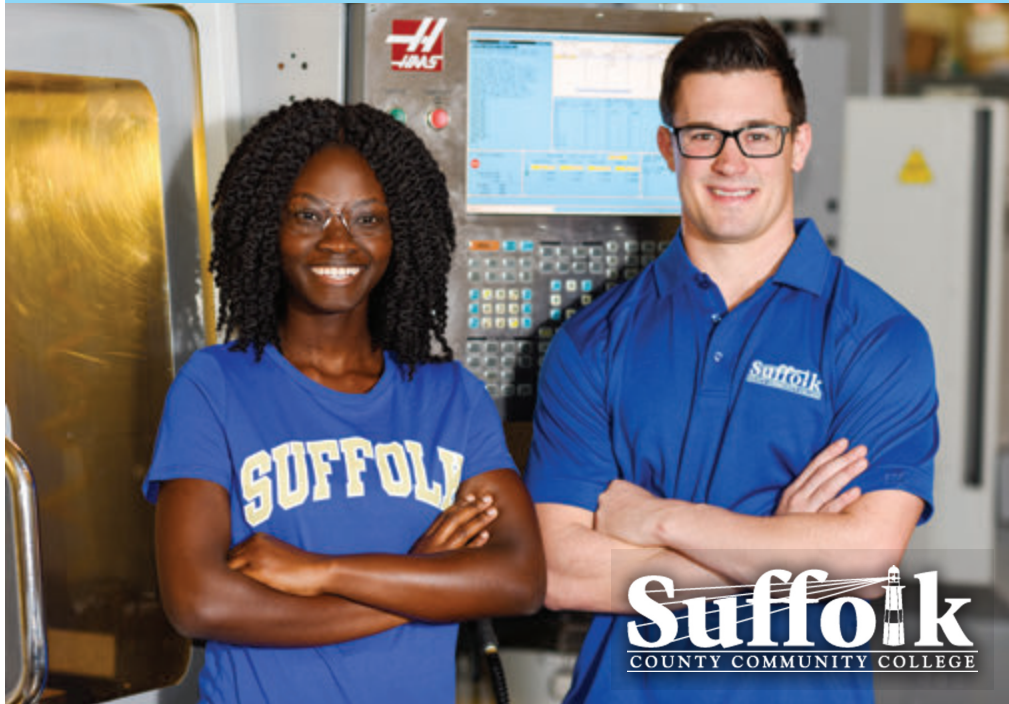


Manufacturing Technology (MFT)

Clean. Contemporary. Computerized.



Education

Suffolk County Community College offers a curriculum in Manufacturing Technology that leads to an Associate in Applied Science degree.



Students will complete courses and gain experience in renewable energy products, precision metalwork, Computer Numeric Control (CNC) machining, quality control, lean manufacturing, Computer-Aided Design (CAD), Computer-Aided Manufacturing (CAM), interpreting engineering drawings, quality assurance and instrumentation, materials of industry, and operation of milling machines, lathes, grinders, band saws, drill presses and computerized machinery.

Suffolk County Community College offers low tuition, scholarships to eligible students, convenient day and evening classes, experienced instructors and professional training in the LEED-certified Workforce Development and Technology Center, which houses today's most advanced equipment and state-of-the-art learning spaces. **For more information, please contact the Michael J. Grant Campus Office of Admissions at 631-851-6719.**

Job Opportunities



- CNC Programmer
- Industrial Machinery Mechanic
- Manufacturing Operator
- Machine Control Operator
- Precision Grinder
- Engineering Design Team Member
- Robotics Technician
- Machinist
- Production Manager
- Manufacturing Supervisor
- Quality Control Specialist


Salary

Salaries for this field vary and will be based on a number of factors such as geographic location, years of experience, education, job title and function, employer type, etc. According to the U.S. Department of Labor's Bureau of Labor Statistics (2016), the salaries in New York State range from \$39,000-\$81,000.



The Department of Labor's Bureau of Labor Market Information through year 2022 reports increases in job projections for manufacturing-related jobs on Long Island.

Necessary Knowledge and Skills

 3D Solids Modeling	 Critical Thinking	 Preventive Maintenance
 CAM Applications	 Hands-on	 Problem Solving
 CNC Milling & Machine Operation	 Intuition	 Stamina
 Computer	 Machine Programming	 Technical Troubleshooting
 Conventional Machining	 Mechanical Aptitude	

Industries

 Aerospace	 Defense	 Woodworking
 Business Machines	 Metalworking	 Electronics
 Construction Equipment	 Appliances	 Generation
 Pharmaceutical	 Nutraceutical	 Energy Transportation
 Biomedical	 Surveillance	

Work Environment

Residential, commercial, industrial and other buildings

