



ADVANCED MANUFACTURING TRAINING CENTER

Advanced Manufacturing Training Center
Sally Ann Slacke Building
Suffolk County Community College-Michael J. Grant Campus
1001 Crooked Hill Road
Brentwood, NY, 11717
631-851-6200

Email: advmfg@sunysuffolk.edu
www.sunysuffolk.edu/ctc



ATTENTION MILITARY-CONNECTED & VETERANS!

*Please contact the Veterans Resource Center to
discuss educational benefits you might be eligible for!*

Jamie Aridas
Veterans Resource Center
Caumsett Hall, Rm109
Michael J. Grant Campus
1001 Crooked Hill Road
Brentwood, NY 11717
631-451-4456 (Option 3)
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www.sunysuffolk.edu/Veterans

TURN OVER TO VIEW SPECIFIC COURSE OFFERINGS FOR THIS PROGRAM →



ADVANCED MANUFACTURING TRAINING COURSE OFFERINGS

MANUFACTURING READINESS CLASS

This course was developed with input from local companies and covers a range of topics to provide students with the basic knowledge for entry-level employment in the manufacturing industry. The 84-hour course consists of 24 sessions and presents topics such as basic hand tools, shop mathematics and industry terminology. Participants will use precision and semi-precision instruments to inspect parts, and work with hand tools. Introduction topics include manufacturing processes, CNCs, Welding, problem solving, and team work. This course will also offer all participants a 10-hour General OSHA certification, and completion certificate, upon successful completion of class.

Job placement and paid internship assistance available.

Tuition: Grant-funded (if qualified)

WELDING - MEC 211

Training is taught in a blended format of classroom, lab, and an additional online learning component. Participants will learn the skill of Shielded Metal Arc Welding (SMAW). This course will also introduce the student to GMAW and GTAW. Additionally, after successful completion of all class testing, students will receive an AWS qualification in the 1" 4G and 3G welds. All welding training is aligned to AWS D1.1 standards, with an AWS certification offered to students.

Tuition: \$3895 (includes all necessary equipment, books and materials, except helmet) Certification Fees separate

CNC MACHINE OPERATOR – (MEC 212)

Training is taught in a blended format of classroom, lab, and an additional online learning component. Become a CNC Machine Operator and begin to open doors to the world of computerized machining. Long Island companies are in high-demand of qualified CNC Machine Operators. Machining students will be offered the opportunity to earn both the NIMS CNC Mill Operator 1 and Lathe Operator 1 certificate, the nationally recognized National Institute for Metalworking Skills certification.

Tuition: \$3895 (includes books and materials)

SOLDERING SPECIALIST (MEC140)

Requirements for Soldered Electrical and Electronic Assemblies

Students will learn the requirements of J-STD-001 and related standards as they apply to operators and inspectors involved in the assembly of products. Participants will be offered to test for the IPC J-STD-001 Specialist certification.

Tuition: \$995

FUNDAMENTAL MACHINING PROCESSES (MEC118)

This course teaches the individual the basics of manufacturing math, measurements, blueprint reading, shop floor safety, operation of manual milling, lathe machines and introduction to design software for CNC machining.

Tuition: Grant funded (if qualified)

AUTOCAD FOR INDUSTRY (MEC125)

The objective of this course is to introduce students to the drafting techniques and functions of AutoCAD, and how to apply those concepts to general and advanced technical drawings. This class will introduce the 3D capabilities of AutoCAD, utilizing knowledge of 2D Computer Aided Design and add the Z axis of 3D. This course will also provide the student with an advanced look at AutoCAD that will allow them to learn new and better ways of accomplishing the task at hand with better speed and accuracy.

Tuition: Grant funded (if qualified)

PLC TRAINING - INTRODUCTION TO PROGRAMMABLE LOGIC CONTROLLERS

This introductory course is designed for those who will maintain automated production/assembly lines. It provides the technician with the basic tools for the analysis and diagnosis phases of the troubleshooting process, thus reducing costs associated with prolonged downtime.

Training is performed on Allen-Bradley and Festo modular controller systems.

Tuition: Grant-funded (if qualified)