

PRECISION MACHINING

CNC Macro Programming & Probing



? ABOUT

This course is designed as an intro to automation and Industry 4.0 for advanced students who earned an A in MACH-215 and MACH-265, or industry professionals with at least one year of CNC operations and a strong understanding of G code. Programming experience is recommended. Topics covered include:

- Different types of variables
- Macro specific equation functions
- Sub programs & passing variables
- Implementation of macros within programs
- Probing work stations
- Probing & reporting part dimensions
- Auto inspect & offsetting of tools & workstations
- Custom macro programs for common material removal sequences

📅 WHEN

July 7 - 25, 2025
Monday - Thursday
3 - 6 p.m.

📍 WHERE

SMCC South Portland
Jewett Hall
Precision Machining Lab

PREREQUISITES:

- At least 18 years of age
- High School diploma, GED or HiSet
- Resident of Maine
- Proof of authorization to work in the U.S.
- Students who earned an "A" in MACH-215 and MACH-265, OR
- Professionals with at least one year CNC operations
- Strong understanding of G code
- Programming experience recommended

THANK YOU TO OUR PARTNER:



GET STARTED NOW!

email smccworkforcereg@mainecc.edu or call **207-741-5955**