

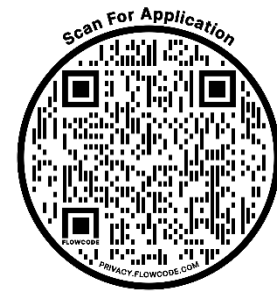
Introduction to Diamond Turning Workshop

Hands-on training for incumbent precision optical and high precision machining workers preparing to move into diamond turning positions, as well as owners or managers looking to improve their understanding of diamond turning.



Format:

- 40-hour course developed with your working schedule in mind!
- One concentrated 40-hour week
- Times: 8:00 AM to 4:00 PM
- Dates: Monday thru Friday, June 3 thru 7, 2024



Program Highlights:

- Mounting tool
- Mounting a work piece onto a vacuum chuck
- High speed spindle balancing
- Cutting reference stud
 - Loading a program and program execution
 - Touch off on a surface
 - Fine adjustment of tool height
 - X-axis correction
- Setting tool height
 - Using optical probe
- Supporting Metrology
 - White light interferometric microscope
 - On machine metrology use
 - Phase shifting interferometry

Prerequisites:

- Applicants should have 2 to 3 years of CNC manufacturing experience or Optical fabrication experience; or
- Completed OPT-235 Advanced Optical Fabrication and Metrology at MCC; or
- Be enrolled as a second-year Precision Machining major at MCC.

Cost: \$1,475

Location: MCC Brighton Campus, Building 9, Room 9-165
1000 East Henrietta Rd, Rochester, NY 14623



**Monroe
Community
College**
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Questions? Contact Bob Lasch: rlasch@monroecc.edu