

Introduction to MRF Polishing Workshop

Hands-on training for incumbent precision optical workers, owners, or managers looking to improve their understanding of magnetorheological finishing.



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 10 to 14, 2024



Program Highlights:

- Plumbing of the MR Fluid system (FCM)
- Taking initial surface metrology
 - Fiducial marking
- Measuring ribbon height and taking spots
- Mounting a work piece onto a vacuum chuck
- Loading part data for a run
- Fiducial alignment
 - Using on machine optical alignment camera
- Initiating a “solve” run to correct figure error
- Supporting Metrology
 - White light interferometric microscope
 - Phase shifting interferometry

Prerequisites:

- Applicants should have 2 to 3 years of 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 per participant

Funding opportunities available for qualifying applicants.

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



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Questions? Contact Bob Lasch: rlasch@monroecc.edu