



Training & Molding Services

The Polymers Center has three **injection molding machines** that are dedicated to training, research, and product development. Our lab features two 55-ton and one 90-ton presses. This includes two all-electric and one hybrid-electric. Each of them can run various plastics, ranging from commodity to engineering grades that require mold temperatures up to 220°F. The Injection Molding Lab doubles as a classroom for courses on polymer processing.

We primarily focus on ASTM test specimen molding and can provide support for short-run product needs and extensive tooling trials.

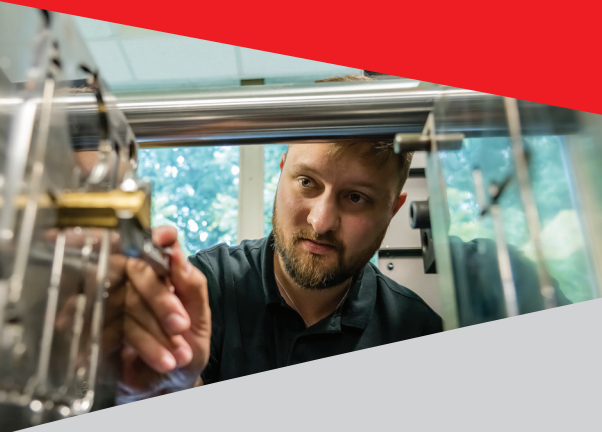
Our injection mold inventory includes a spiral flow mold, a 2"x3" variable thickness plaque mold, two color chip molds, and an ASTM family mold for various testing—either in our Materials Science Lab or yours.



MEETING ROOM RENTAL

The Polymers Center is equipped with a large, professional meeting room for in-person or hybrid meetings along with a full kitchen, perfect for your next training seminar, class or special meeting.

For more information, contact us at:
polymers-center.org/training
704.602.4100



TRAINING COURSES

FUNDAMENTALS

- Principles of Injection Molding
- How to Design a Plastic Part
- Choosing the Right Plastic
- Extrusion Fundamentals
- Profitable Molding for Managers
- Wittmann Battenfeld Robot Operator Training
- Polymer Drying
- Injection Molding Mathematics
- Paulson ProMolder I
- Autodesk Moldflow Insight Fundamentals

INTERMEDIATE

- Extrusion Processing Workshop
- Paulson ProEx Blow Molding
- Paulson ProMolder II
- Paulson ProEx 1 Extrusion
- Twin Screw Compounding Workshop

ADVANCED

- Paulson ProMolder III
- Materials Technology
- Autodesk Moldflow Insight Advanced Flow
- Autodesk Moldflow Insight Advanced Cool/Warp

Training

The benefits of training are immense. For companies, giving your employees the tools they need to succeed at their job creates an environment of success. Make your plant run smoother by providing the education and hands-on training your workers need to be confident in their responsibilities. For individuals, get ahead in your career by increasing your value to your company or to future potential employers.

- Training courses incorporate real world experience with the theory behind polymers processing.
- Our top-of-the-industry instructors offer 1-5 day courses in polymer materials, plastic part design, injection molding and extrusion.
- We have partnered with the biggest names (AIM, Paulson, RJG) in the polymer training business to offer you the best courses that are available.
- In addition to holding classes at the Polymers Center facility in Charlotte, we can teach at your place of business or your local community college. And some courses are online and self-paced.

Call The Polymers Center or visit our website to register for classes or to learn more.

