



Training & Molding Services

The Polymers Center has two **injection molding machines** that are dedicated to training, research, and product development. Our lab features one 55-ton and one 165-ton press. Both are all-electric machines. Each of them can run various plastics, ranging from commodity to engineering grades that require mold temperatures up to 170° F. The Injection Molding Lab doubles as a classroom for courses on polymer processing.

We primarily focus on ASTM and ISO 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, a 4"x6" set thickness plaque mold, an ISO family mold, 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:
contact-us@polymers-center.org
704.602.4100



TRAINING COURSES

FUNDAMENTALS

- Extrusion Processing Fundamentals
- Paulson ProMolder I

INTERMEDIATE

- Paulson ProEx Blow Molding
- Paulson ProMolder II
- Paulson ProEx 1 Extrusion

ADVANCED

- Paulson ProMolder III
- Rheology Polymers

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.

