

Level 1 Internships

Goal: Gain basic knowledge of materials, processing, and other plastics and/or rubber related operations.

- Transfer/Compression Molding
 - Factors to consider when choosing this type of molding
- Injection Rubber Molding
 - Factors to consider when choosing this type of molding
- Plastic Injection Molding / Insert Molding
- Liquid Injection Molding
- Design (Part and Tooling)
- Print Reading
- Machining and Mold shop
- Materials, Compounding, Milling, Lab Banbury Mixing, Testing ASTM Line Call-Outs
- Over-molding rubber onto different substrates
- Shadow Project Engineer and develop a robust process on a new mold



“I had a great time at Robin, there was so much diversity in what they do and also in what you learn.”

Adam Meyer, Sophomore
Rubber Engineering Technology Major

“My favorite part about my Internship at Robin was being able to experience so many different parts of the industry. I was able to visit a lot of different places, including a tool shop and a rubber compounding, which really helped me get a well-rounded view of the industry.”

Angela Lovegrove, Senior
Engineering Technology Major / Rubber Engineering Technology Minor



“Robin really cares about the well-being of their employees and the education and growth of their Interns.”

Mason MacDermaid, Freshman
Plastics and Polymer Engineering Technology Major

Level 2 Internships

Goal: Broaden and reinforce the knowledge of plastics and/or rubber materials, processing, production tooling, quality control, engineering, sales design, and production supervision.

- Assigned to a new/current project with engineering supervision
- Daily involvement in many programs with engineering
- Quoting new programs
- Identifying the best molding process (injection, transfer, etc.)
- Identifying what material is best for the application
- Review part designs for manufacturability
- Review mold designs to increase processing window and decrease cycle time
- Develop robust processes
- Review inspection and QC procedures
- Work with designers and tooling on mold revisions



Manufacturer of custom molded components

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