

# Level 1

**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