



Manufacturing Engineering Co-op

At Porex, a company in the Filtration Group's Life Sciences Division, innovation is our foundation. Together, we continue to build and grow as a porous materials industry leader and innovator. We are on a mission to making the world safer, healthier and more productive. Guided by our core values, we thrive in an environment where we are challenged to create solutions, produce innovative products and make a difference. Our team is driven by trust, bias for action and entrepreneurial spirit. Together, we are on a journey to make positive, meaningful changes every day.

Learn practical engineering skills as a Co-op at Porex by completing a 3-semester rotation through our Quality Department, Manufacturing Engineering Department, and Tooling Department. At Porex you will start your engineering career under the guidance of professionals in the field.

Job functions include, but are not limited to:

- Consulting with engineer regarding intended use and functional/ form properties of products being developed in order to understand physical, chemical, and functional characteristics that must be tested.
- Helping to build highly complex prototype products or components according to general or specific instructions received from engineer involving fabrication, modification, or assembly of materials and components.
- Contributing to the design process by suggesting alternative designs or material characteristics to meet customer requirements.
- With the help of an Engineer, develop a complete testing plan. Design of experiments (DOE) will be utilized in order to acquire desired information or feedback.
- Testing physical and/or chemical properties of components, prototype products, materials, etc., utilizing purchased test equipment according to instructions and testing objectives.
- Setting up, operating, and maintaining test equipment according to manufacturer's recommendations and maintaining lab areas according to applicable sanitary, clean room, and regulatory requirements.
- Calculating descriptive and analytical statistics, compiling summary of testing results, and utilizing analytical skills based on test data. Helping to prepare reports, presentations, and customer technical documentation.
- Documenting test results using word processing, spreadsheet, database, and presentation software as appropriate. Exercising some judgment in determining the sequence and/or format of report.
- Supporting the manufacturing engineering process by developing 3D models of production equipment and product designs using SolidWorks. Coordinating transfer from lab to large-scale production by communicating with manufacturing engineers, mold makers, etc. to ensure all product quality and process requirements are achieved.

Preferred fields of study: Undergraduate program specializing in Mechanical Engineering, Chemical Engineering, Material Science and Engineering, or Polymer and Fiber Engineering.

Become a member of our diverse team as we continue to innovate in the field of porous plastics technology. As a member of the Filtration Group and the established global leader in one-of-a-kind solutions for the healthcare, consumer, and industrial markets, our products make life better for people around the world every day.

To apply for this position, submit your resume online to: [Manufacturing Engineer Co-Op](#)

Porex is an equal opportunity employer and makes employment decisions without regard to race, gender identity, sexual orientation, disability, or protected veteran status.

