Parker Hannifin Corporation
Fluid Control Division, New Britain, CT
Manufacturing Engineering Co-Op

Parker Hannifin offers the broadest range of motion and control components and systems in the world. With annual sales of more than $12 billion, Parker provides systematics, precision-engineered solutions for a wide variety of commercial, mobile, industrial and aerospace markets. Parker has more than 50,000 employees in 50 countries around the world.

With sales affiliates worldwide, and an extensive distribution network, and broad breadth, Parker Fluid Control Division is in a unique position to service the world’s requirements for solenoid valves and fluid control solutions. The Fluid Control Division, located in New Britain CT, is currently seeking a Manufacturing Engineering co-op to join the team. This is a full-time (40 hours per week) paid opportunity that will start in July 2021 and will last for 6 months. The hours will be a combination of 1st shift and 2nd shift (typically 7am – 3:30 pm and 1pm – 9:30pm), working within the student’s schedule.

**Job Description:**
The successful candidate must be a motivated, self-starter with a good foundation in the basic principles of mechanical engineering, as demonstrated by their course work and/or extra-curricular activities. Course work or experience in one or more of the following areas is preferred: machine design, structures, solid mechanics, fluids, electromechanical devices. The individual must be detail oriented and able to manage multiple projects. Must be mechanically inclined and have experience operating equipment including (but not limited to); power tools, mechanical tools, and measurement devices. organizational, communication, interpersonal, analytical, and problem-solving skills are required. The Manufacturing Engineer Co-op will work in our manufacturing area aiding the Value Stream Managers and Manufacturing Engineers to implement change through lean activities and projects that create positive value for the work areas.

**RESPONSIBILITIES:**
Design fixtures with 3D modelling in AutoCAD Inventor, create associated detailed drawings
Purchase hardware, and work with machinists to fabricate simple fixturing
Standard work and visual aid creation
Learn basic trouble shooting methodology for simple fixturing and valve test equipment

**SKILL SETS / PROFESSIONAL ATTRIBUTES:**
Current Engineering student, preferably Junior or Senior year
Familiarity with CAD software such as Inventor for use in basic tooling design / blueprint reading capability
Working Knowledge of Microsoft Office
Some knowledge of machining operations
Clear, concise communication style
Experience with troubleshooting mechanical and electrical issues
Experiences / accomplishments that show tenacity of purpose – i.e. tendency to drive tasks through to completion and follow up with others
Lean knowledge would be helpful in performing shop floor responsibilities

Parker is an Equal Opportunity and Affirmative Action Employer. Parker is committed to ensuring equal employment opportunities for all job applicants and employees. Employment decisions are based upon job related reasons regardless of any status protected by law. U.S. Citizenship/Permanent Resident is required for most positions. (“Minority/Female/Disability/Veteran/VEVRAA Federal Contractor”)