Department: **Manufacturing**

Managed By: **Operations Manager**

Job Title: **Manufacturing Engineering Intern**

The Manufacturing Engineering Intern will work alongside production associates, maintenance technicians, engineers, and the production manager to drive and support continuous improvement projects, cycle time calculations, and developing future state actions. The person in this role will wear multiple hats within the manufacturing engineering realm included but not limited to industrial, process, quality, tooling, and lean manufacturing.

# Key Responsibilities:

In this role the incumbent’s responsibilities will include, but not be limited to:

* Learn and build technical acumen in battery manufacturing; hands-on participation and presence on production floor is required.
* Conduct cycle time studies in a variety of different production areas.
* Assist in design and building of tools and start-up of new equipment
* Utilize six sigma methodology to troubleshoot equipment maintenance problems and determine RCCA
* Create, implement, and sustain standard work.
* Assist in improved visual management and material flow
* Determine future Lean projects for cost savings and improved efficiency
* Recommend production process equipment layout to optimize productivity and efficiency.
* Promoting lean concepts, continuous improvement and 5S practices.
* Perform other duties as assigned

# Requirements:

The successful candidate will have a background which includes the following demonstrable experience, skills, and education:

* Must be pursuing a bachelor’s degree in Industrial, Manufacturing, or Mechanical Engineering, or equivalent
* Experience studying or using lean methodology including (Creating Yamazumis, VSM, Kaizen, 5S, Six Sigma, Line Balancing)
* Strong Mechanical design skills
* Previous internship experience in manufacturing environment preferred.
* CAD Design experience preferred
* Experience with machining equipment (lathe, CNC mill, etc.)
* Experience with Robotics and Process Automation preferred

# Physical Demands:

While performing the duties of this job, the employee is occasionally required to stand, walk, sit, use hands to finger, reach with arms and hands, climb stairs, stoop, kneel, crouch, talk or hear. The employee must occasionally lift and/or move up to 50 lbs.

# Work Environment:

While performing the duties of this job, the employee is exposed to weather conditions prevalent at the time and an air-conditioned and heated office. The noise level is occasionally high.

# Disclaimer:

The above information on this description has been designed to indicate the general nature and level of work performance by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities and qualifications required of employees assigned to this job.

Acme Aerospace Inc. is an Equal Opportunity Employer and encourages the application of female, minority, disabled and veteran candidates. candidates must be able to perform essential responsibilities with or without reasonable accommodations. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identify, or national origin. Due to the potential for exposure to ITAR controlled data, the incumbent in this role must be a US Person (US Citizen or US Permanent Resident). Interested candidates should submit their resume and salary requirements.