Core Information:

Position: Engineering Intern

Location: Boerne, TX or Rochester, NH

Program Description:

The AEC intern program is designed to provide firsthand working knowledge of engineering activities at AEC. The candidate will develop valuable problem solving skills while assisting with the support of existing programs as well as the development of new products and processes.

Key Duties/Responsibilities:

A task list of assignments will be provided to the engineering student and he/she will receive support from the AEC engineering staff to accomplish them. The student may be given the responsibility to find solutions to specific engineering activities in support of current program development efforts. Some of the activities and responsibilities may include:

- Assist the lead Process Engineer (PE) and assigned program team on a program to develop or improve manufacturing methods and processes in the production of conforming parts and assemblies.
- Assist R&T Engineers with the investigation and development of new products and processes
- Work with the PE to define problems and develop, implement and validate solutions
- Support the preparation of production documentation
- Support strategic initiatives for improving organizational efficiency and reducing cost

Position Competencies:

Knowledge and Skills:

A candidate for Engineering Intern is expected to have completed at least two years (three years preferred) toward a BS in Engineering with a GPA of 3.0 (3.5 preferred) or more (preferred Aerospace, Composites, Mechanical or equivalent), and be able to demonstrate competence in one or more of the following areas:

- Proficient in the use of Microsoft software (MSWord, PowerPoint, Excel) to enable the creation of work instruction and other production documentation.
- Capability to understand and interpret engineering drawings, with a basic understanding
- Demonstrated experience with CAD software a plus (SolidWorks, AutoCad, etc.)

The following preferred skills and abilities shall be demonstrated by a candidate for Engineering Intern:

- Team and people skills that are required to ensure efficient execution of tasks.
- Problem solving skills.
- Flexible and adaptable.
- Effective communication.
- Well organized and disciplined.
- Able to identify problems and willing to make decisions.

"KSA" Definitions:

Knowledge: examines educational requirements as well as body of facts, information or disciplines that are key- include certifications please.

Skills: proficiencies or expertise that come from specific training or practice.

Abilities: a cluster of integrated skills some of which may not be obtained through training or practice (attitude or trait plus skill= ability)  (example- "customer focus" or "results driven")