The Composites Material Process Engineer 1: Entry level position that performs routine engineering functions on assigned projects or sub-projects of a general nature and limited scope by applying standard mathematical, physical science, and/or engineering technologies.

Summary of Duties:

- Provide Engineering Support for Polymer Composite Material and Process activities for Honeywell Aerospace in the Mechanical Center of Excellence Team
- Primary responsibilities include support for materials and processes involved in the design and manufacture of composite parts using hand layup, resin transfer and compression molding.
- Technical support for new and existing products including environmental control systems, aircraft propulsion engines, auxiliary power units, landing gear, cabin air and fuel controls.
- Additional responsibilities may include insourcing/transition support, specification maintenance, process documentation, approval of suppliers and components with composites processes, conducting maintenance audits to ensure specification and process compliance.
- Support the determination of Root Cause and Corrective Action related to composite material and process areas.
- Identification of product ability opportunities and cost reduction associated with Design To Cost and Design For Manufacturing initiatives.
- Assists in the design and/or project management of new and current projects, products, programs, components, tools and acceptance equipment under technical guidance of higher level MPE Engineers or departmental management.
- Evaluates opportunities for defect prevention based on standard or accepted solutions.
- Prepares evaluation reports, analyzes discrepancies, and makes recommendations for product, procedures and manufacturing or operating processes that improve productivity and quality.
- Assists in the preparation of product or project definitions, material and process specifications.
- Interacts with design engineers, suppliers and/or internal organizations to assist in resolving design, development, production and acceptance issues.
- May perform other duties as required.
- Conducts activities in a safe and healthy manner and works in accordance with established HS&E requirements to ensure the protection of employees, the public, and the environment. Takes actions necessary to stop work when an unsafe condition or action is identified. Every employee has the right and responsibility to stop work when unsafe conditions or actions are identified.

Basic Qualifications:

- Due to export control restrictions, must be a U.S. citizenship or U.S. Permanent Resident.
• Bachelor of Science in Materials, Mechanical or Chemical Engineering from an accredited institution.

Additional Qualifications:

• Broad understanding of polymer reinforced composites (FRP), basic understanding of polymerization, mechanical and design requirements for aerospace components, effective communication and participation on teams with considerable focus in manufacturing and design process focused.
• Previous relevant internship experience or equivalent preferred.
• Effective verbal and written communication skills.
• Ability to interface effectively with Internal organizations and cross functional teams.

Apply: www.careersathoneywell.com, using job number 00297139

To learn more about Honeywell Aerospace, please visit: http://aerospace.honeywell.com/