**General Summary:**

***This position is not available for sponsorship. Applicants must be a US Citizen or Green Card Holder.***

This position reports to the CFD Group Leader or designee; is located in Kannapolis, NC. The CAE Engineer position is an entry level engineering position which uses CAE tools to prepare surfaces for further analysis.

**Key Responsibilities:**

* Promote teamwork and effective communications to develop working relationships between all personnel and departments.
* Prepare tessellated surfaces from CAD import.
* Submit and track analysis jobs
* Consult with senior CFD staff to assess proper priority and to target work completion deadlines.
* Advise senior staff of subsequent delays or problems which may arise. Assure revised schedule satisfies senior staff.
* Maintain a consistently positive attitude in all interactions with peers and Managers. Promote Teamwork and cooperation among all parties.
* Follows and enforces safety regulations in all venues
* Assumes any responsibilities delegated by the CFD Group Leader or his designee.

**Education and Work Experience:**

BS degree in Mechanical Engineering, or similar field of study from an accredited University required. Candidates must have exposure to one of the following CAE software tools such as ANSA, ANSYS, CATIA, SolidWorks, etc.

**Specialized Knowledge and Skills:**

* Ability to effectively present information to senior staff.
* Ability to define problems, collect data, establish facts, and draw valid conclusions.
* Highly organized with attention to detail promoting the ability to work on several projects/items at different levels of completeness at any given time in a fast-paced environment with minimal supervision.
* Self-direct, plan, prioritize, organize, and accomplish the work. Use judgment, critical thinking, and decision-making skills to determine if the tessellated surfaces will comply with department standards
* Excellent written and verbal communication skills in English and the ability to interact professionally with other departments
* Have the ability to learn new software and operating systems.