Position Title: Mechanical Engineering Intern
Status: Exempt, fulltime regular position
Reports to: Mechanical Engineering Manager

Aero Systems Engineering is seeking a Mechanical Engineering Intern for the summer of 2019. This position includes collaboration with a multi-discipline team in the conceptual development, design, and analysis of mechanical subsystems utilized in wind tunnels, aircraft engine test cells, and other aerospace ground test facilities. The Mechanical Engineering Intern will work as an entry level engineering analyst on welded steel structures, pressure vessels, piping systems, simple and complex mechanisms, rotating equipment, and process equipment (pneumatic, hydraulic, fuel, and cooling water.)

Essential Functions:
- Pursuing a degree in Mechanical Engineering or related discipline through an ABET accredited program and entering junior or senior level.
- Ability to communicate effectively; both written and verbally.
- Must be self-motivated, have good mechanical aptitude, and ability to work well with others.
- Proficiency with MS Office.

Preferred Requirements:
- Demonstrated academic excellence (3.0 GPA and higher).
- Familiarity with design tools appropriate for the field (3D modeling, Finite Element Analysis, etc.).
- Teamwork skills.
- Experience in preparing design criteria, calculation packages, specifications, cost estimates, and reports.
- Ability to work with mechanical designers in the preparation of technical drawings and parts lists.
- Capability in coordinating with other technology groups, project management group, marketing and customers as required.
- Skills in managing project budget and schedule requirements.

Due to the nature of our work US citizenship or permanent resident status is required.