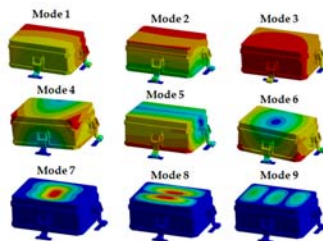


## **Mechanical Engineer/Designer**

**FIBERTEK, Inc.** is an advanced technology driven company that develops cutting edge technology with the end goal of translating into ruggedized, fielded customer solutions for a wide range of environments including space, airborne, vehicle, etc. Fibertek is an internationally recognized leader in the development of state-of-the-art laser and electro-optic solutions for the military, NASA and Aerospace markets.



**Fibertek has an immediate career opportunity available for a Mechanical Engineer/Mechanical Designer at its location in Herndon, Virginia.**

### **Job Overview**

Successful candidates will be a part of a project team, and provide mechanical engineering expertise to design and develop complex electro-optical systems for military and/or aerospace applications.

### **General Duties**

- Develop detailed CAD models, fabrication and assembly drawings
- Perform analyses to ensure conformance with requirements
- Initiate and support procurement of custom and commercial components
- Prepare technical reports and presentations
- Participate in design review meetings, both internal and with customers
- Performs other duties as assigned

### **Basic Qualifications**

- Associate's degree (for the Mechanical Designer) or Bachelor's degree (for the Mechanical Engineer) in Mechanical Engineering; may have post-graduate education or training.
- Experience in the design and analysis of electro-optical systems for military and/or aerospace applications
- Experience in the design of thermal control systems, packaging of electronics, precision mechanisms, and sealed enclosures
- Experience with Creo design software for the modelling of parts and assemblies and for the creation of detailed fabrication and assembly drawings
- Experience with ANSYS simulation software for the analysis of structural and thermal behavior of components and systems (desired for the Mechanical Engineer)
- Experience with ProductCenter product lifecycle management software
- Excellent writing, editing, communication, organization and interpersonal skills required.
- Experience with MS Office (Word, Excel, Powerpoint)
- Must be detail oriented and possess the ability to multi task.

To explore this opportunity further, please send your resume to [jobs@fibertek.com](mailto:jobs@fibertek.com).



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[www.fibertek.com](http://www.fibertek.com)

**Fibertek, Inc. is an equal opportunity and affirmative action employer. Applicants are considered regardless of race, color, religion, sex, disability, veteran status, or any other protected characteristic in accordance with applicable law.**