MECHANICAL DESIGNER

At Angstrom Engineering, we sell industry-leading, custom designed thin film deposition systems that are assembled on-site by a team of engineers and technologists who prioritize quality, service, and performance above all else. We are proud to manufacture the tools that allow a wide variety of researchers and development teams in world-class labs across the globe to engineer new nano scale technologies.

We are a growing company looking to break into new markets and to increase our international presence. To assist us in meeting our goals we are looking for an experienced Mechanical Designer to join our team. We are looking for someone who will understand our market, our product and utilize this understanding to develop and improve our deposition systems.

SPECIFIC RESPONSIBILITIES:

Mechanical and Systems Design

- Design and develop mechanical aspects of custom and engineered-to-order machines using Solidworks.
- Provide and implement engineering solutions to mechanical and systems challenges.
- Understand the customer's processes and industry to develop innovative technologies.
- Assist project teams with technical challenges and provide technical direction.
- Participate in continuous systems design improvements on Angstrom products.
- Responsible for ensuring designs satisfy contract specifications and all applicable design standards.
- Review final designs and engineering drawings.
- Informally lead and support the Systems Design team.

QUALIFICATIONS OVERVIEW:

- Strong mechanical and electrical aptitude acquired through several years of professional experience.
- A post-secondary degree in mechatronics, mechanical engineering or equivalent.
- Interest in and familiarity with nanotechnologies and thin film coatings.
- Resourceful with a proven ability to research problems and complete tasks.
- Ability to work and grow independently.
- Ability to solve technical problems.
- Advanced experience using Solidworks, word processing and spreadsheets.

ADDITIONAL INFORMATION:

Angstrom Engineering is an agile and growing business with a work force of exceptional people. We have been in business for 25 years and make leading edge and interesting equipment for the field of nanotechnology. Our working environment is clean, safe, and enjoyable. We offer flexible hours and a competitive compensation package including benefits.

Angstrom Engineering welcomes and encourages applications from people with disabilities. Accommodations are available on request for candidates taking part in all aspects of the selection process.