



### ***About ARO***

Founded in 1991, Alpine Research Optics is highly regarded as a precision optics fabrication and coatings company and has distinguished itself as a leader in the UV/Laser optics field. Our optics go into equipment/instruments produced by the semiconductor, laser, medical, and scientific research industries.

### ***Job Summary***

We are seeking a Thin Films Engineer to research, design, and develop complex thin film coatings. The ideal candidate will have in-depth familiarity with a wide variety of coating types using e-beam and ion-source process technologies, along with associated metrology. Troubleshooting designs and improving predictability of outcomes is also required. The ideal candidate will have intellectual drive and will want to take a hands-on approach to achieve results.

### ***Responsibilities Outline***

- Research, design, and development of complex thin films coatings, materials, coating processes and the design of related tooling.
- Oversee the formulation of thin film coating run instructions and procedures, and ensure implementation.
- Determine cause and correction procedures for failed coating runs.
- Determine coating and test equipment manufacturing capability/test accuracy and recommend equipment upgrades, modifications, and/or improvement.
- Develop new coating equipment/process technology.
- Develop new processes to optimize and expand existing manufacturing capability.

### ***Essential Skills and Requirements***

- Bachelor's degree in Optical Engineering, Physics, or Material Science
- Minimum of 7 years experience in optical thin films coating
- Mechanical and technical ability
- Methodical and detail-oriented
- Organized
- Effective communicator (written and oral)
- Ability to multi-task
- Production-minded
- Strong work ethic
- Positive attitude