

May 2026

POSITION: *CLEANROOM PROCESS TECHNICIAN*

Applied Nanotools Inc. (ANT) specializes in the design and fabrication of high-resolution optical and photonic devices and components offering a range of unique products and services, including high-resolution zone plates, gratings, and calibration samples for synchrotron and lab-based EUV and X-ray microscopes globally. The company also provides the **NanoSOI™** integrated photonics prototyping foundry service for telecom, datacom, sensing, and quantum computing applications.

ANT is inviting applications for the position of ***Cleanroom Process Technician*** to support the increasing demand in its X-ray/EUV and Integrated Photonics business divisions. This role will be based at the company's headquarters, located on the campus of the University of Alberta (NINT Building). The responsibilities will cover all cleanroom processes, including:

- Sample preparation and resist spin-coating
- Photolithography
- Physical and chemical vapor deposition
- Reactive ion etching
- Wet chemical etching
- Electroplating
- Inspection and characterization
- Electrical wire bonding and soldering

Desired Qualifications and Experience:

- Diploma in engineering technology (two years) or equivalent
- Familiarity with cleanroom processes and protocols
- Experience with nanofabrication process development would be an asset
- Candidate preferably resides within the Edmonton metropolitan area

Interested applicants are encouraged to e-mail a cover letter and CV to:
careers+tech@appliednt.com

