Alberta CREATE Centre

OVERVIEW

CREATE (Collaborative Resources Empowering Advanced Technology Experiences) empowers innovators to build new technologies – big, small, and intelligent – through our open-access resource facilities. Our team are experts on cloud computing, nanocharacterization and fabrication, engineering tools, and more. We work together with startups, small to medium enterprises, university students and alumni, instructors and researchers.

CREATE Consists of Three Units

KEY BENEFITS

1. Secure and local resources, housed at the University of Alberta.
2. Engineering prototypes, micro and nano-scale tech, and applied AI/ML infrastructure.
3. Clients keep their Intellectual Property and no complex contracts.
4. Exceptional customer service and a dedicated support team of experts.
5. Clear and competitive pricing without egress fees, and on-demand service.

FEATURED CAPABILITIES

Characterization

Analytical microscopy, advanced spectroscopy, materials and device testing at nanoFAB facility.

Nanofabrication

Advanced lithography, thin film deposition, and plasma tech performed at nanoFAB facility.

3D Printers

FDM, SLA, and Polyjet printer selections with 20 different filaments and resins at Elko Engineering Garage.

GPUs

Access to UI and API of Large Language Models like Llama2 and Mistral served on ISAIC cloud services.

SPONSORS