

ADVANCED TECHNOLOGY & ACADEMIC CENTRE

Lakehead University

Thunder Bay, Ontario



Project Description

KGS Group was retained in association with IKOY Architects to provide design and construction inspection services for the new Advanced Technology and Academic Centre (ATAC) at Lakehead University. KGS Group was responsible for structural, geotechnical and mechanical design for the \$36,000,000 project. Construction was completed in 2003.

The ATAC is a 6-storey building of approximately 10,000 square metres. It will generate 1,377 spaces for new students and 63 offices for faculty and staff. This state-of-the-art facility will house a multitude of advanced technological applications primarily in the areas of engineering, mathematics and computer science. The inclusion of `smart` classrooms, videoconferencing facilities, multi-media production/teaching services, GIS facilities, as well as regular classrooms and computer labs, will greatly enhance the quality and amount of academic teaching and research space on campus.

The building was designed to be energy efficient and achieved 55% of National Model Energy Code for Buildings (NMECB) energy consumption levels.