



McGill Institute for
Aerospace Engineering
Institut de génie
aérospatial de McGill

The MIAE plays the leading role as the voice of aerospace engineering within McGill University. It's where education, research, and training come together to create a culture of innovation and excellence. The proud mission of the MIAE is to serve and promote McGill's stellar aerospace community, and showcase it to the world.

The MIAE promotes McGill's aerospace expertise, and lobbies for collaborative projects with industry, research institutes, and universities around the world.

Key Research Areas

Aero-acoustics	Avionics	Multidisciplinary, Optimization, Simulation
<u>Aerodynamics and Fluid Mechanics</u>	Combustion	Microelectromechanical Systems
Aero-icing	Composite Materials	Multiscale Materials Modeling
<u>Aerospace Coatings and Tribology</u>	Diagnostics, Prognostics & Health Monitoring	Nanomaterials
Materials and Alloy Development	Environmental: Fuels and Icing	Product Lifecycle Management
Aircraft Dynamics and Control	International Air and Space Law	Space Robotics
Automation and Manufacturing	Light Metals Research	Space Systems

Student Body

McGill students who are members of the MIAE participate in events and activities including industry tours, aerospace conferences, aerospace design team challenges, as well as paid industry internships. The internship experience bridges the classroom and the workplace, enabling students to develop essential work skills, as well as contacts that will help them land future employment in the aerospace sector.

Events & Activities

The student executive team plans events and activities for members towards their personal and professional growth

Software Workshops	Developmental Lectures	Industrial and Lab Tours
Soft Skills Workshop	External Training	SKILLS21 Platform

For more details, reach out to the team at studentpresident.miae@mcgill.ca

Contact Us

aerospace.engineering@mcgill.ca
514-398-8664
Room 6C, Frank Dawson Adams Bldg
3450 University St, Montreal

www.mcgill.ca/miae/
www.studentmiaemcgill.com
www.facebook.com/MIAESECmcgill
www.twitter.com/McGillAerospace