

MIME 345. APPLICATIONS OF POLYMERS.

Credits: 3

Offered by: Mining & Materials Engineering (Faculty of Engineering)

Terms offered: Summer 2025

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Description

Applications of synthetic and natural polymers and composites as engineering materials, e.g. in biomedical, automotive and aerospace applications. Thermoplastics, thermosets and elastomers. Animal and plant origin, degradable and non-degradable polymers. Particulate and fibre reinforced polymer matrix composites. Manufacturing routes, and characterization tools for their physical, thermal, mechanical and chemical properties.

- This course in the Faculty of Engineering is open only to McGill students.
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- (3-1-5)
- Prerequisite: MIME 261 or permission of instructor.

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