

# MIME 559. ALUMINUM PHYSICAL METALLURGY.

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Credits: 3

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

Terms offered: Winter 2026

View offerings for Winter 2026 in Visual Schedule Builder.

## Description

Crystal structure, deformation characteristics, strengthening and softening mechanisms, hot and cold working. Microstructure property relationships in aluminum alloys. Physical metallurgy of aluminum casting alloys and their uses. Properties, and physical metallurgy of aluminum wrought alloys and their industrial applications.

- (3-3-3)
- Prerequisites: MIME 360 and MIME 362, or permission of instructor

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