

To: The Engineering Faculty

From: The Faculty of the School of Materials Engineering

Date: October 9, 2023

Re: Fast track prerequisite change for MSE 36700

The faculty of the School of Materials Engineering has approved the following change to the prerequisites for MSE 36700. This action is now submitted to the Engineering Faculty with a recommendation for approval.

From: **MSE 36700 Materials Processing Laboratory**
Prerequisites: MSE 23500, MSE 26000

This laboratory is intended as an intensive experience in processing techniques used for ceramics, metals, and polymers. Sintering of a ceramic, casting and post-processing (work hardening, heat treatment, etc.) of a metal, and preparation and extrusion of a polymer are typical of the processes examined in this laboratory. The measurements (e.g., powder particle size, compaction, force, temperature, grain size, molecular weight, density) applicable to the successful processing of the material and the final properties (e.g., hardness, ductility, strength, stiffness) will be emphasized. Typically offered Fall and Spring.

To: **MSE 36700 Materials Processing Laboratory**
Prerequisites: MSE 23500

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Reason: With recent changes to the lab, a MSE 260 prerequisite is no longer required.



David Bahr, Head
School of Material Engineering