

TO: The Engineering Faculty
FROM: The Faculty of the School of Materials Engineering
DATE: February 9, 2022
RE: Fast track prerequisite change for MSE technical electives

Reason: Since much of the MSE core and all of the MSE laboratory course are now offered each semester, listing prerequisites solely by class standing is no longer adequate for the MSE 5000 level technical electives. The following lists the updated prerequisites.



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MSE 51200 Powder Processing

From: Prerequisites: Junior 74+ credit hours or graduate standing
To: co-requisites: MSE 33000 or graduate standing

MSE 52500 Structure, Prop Relationships of Engineering Polymers

From: Prerequisites: Junior 74+ credit hours or graduate standing
To: Prerequisites: MSE 26000, MSE 34000, MSE 42000, or graduate standing

MSE 53600 Solidification of Casting

From: Prerequisites: Junior 74+ credit hours or graduate standing
To: co-requisites: MSE 33000 or graduate standing

MSE 54800 Deposition Processing of Thin Films and Coatings

From: Prerequisites: Senior or graduate standing
To: co-requisites: MSE 33000 or graduate standing

MSE 55500 Deformation Mechanisms in Crystalline Solids

From: Prerequisites: Senior or graduate standing
To: Prerequisites: MSE 382 or graduate standing

MSE 55700 Deformation Processing

From: Prerequisites: Senior or graduate standing
To: co-requisites: MSE 33000 or graduate standing

MSE 55600 Fracture of Materials

From: Prerequisites: Senior or graduate standing
To: Prerequisites: MSE 382 or graduate standing

MSE 56200 Soft Materials

From: Prerequisites: Senior or graduate standing
To: Prerequisites: MSE 420 or graduate standing.

MSE 56700 Polymer Synthesis

From: Prerequisites: CHM 25700 or Senior or graduate standing
To: Prerequisites: MSE 420 or Junior 74+ credit hours, or graduate standing

MSE 58600 Experimental Characterization of Advanced Composite Materials

From: Prerequisites: Junior or graduate standing
To: Prerequisites: Senior or graduate standing