


TO: Engineering Curriculum Committee

FROM: The Faculty of the School of Materials Engineering

DATE: January 25, 2019 

RE: FastTrack changes for MSE core courses.

The faculty of the School of Materials Engineering has approved the following changes to the prerequisites for the MSE plan of study. This action is now submitted to the Engineering Curriculum Committee with a recommendation for approval.

Course: **MSE 36700 Materials Processing Laboratory**

From: Prerequisites MSE 26000

To: Prerequisites MSE 23500, MSE 26000

Reason: The frequency of the course offerings for MSE 36700 was increased from spring semester only to fall/spring/summer. In the prior scheduling scheme, students took MSE 33500 which required MSE 23500 before MSE 36700. Currently students can schedule MSE 36700 before taking MSE 33500, thus requiring the prerequisite laboratory experience from MSE 23500 to be specified in the course description.

Junior Year

Fifth Semester

Sixth Semester

- (3) MSE 33500 (Materials Characterization Laboratory)
Prerequisites *MSE 23500*
- (3) MSE 34000 (Transport Phenomena)
Prerequisites *MA 26600 (or MA 26200), MSE 26000*
- (3) MSE 37000 (Elec, Opt, and Mag. Props. of Materials)
Prerequisites *MSE 23000, MSE 27000, PHYS 24100 (or PHYS 27200)*
- (3) General Education Elective
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- (0) MSE 39000 (Seminar)
- (15)

- (3) MSE 33000 (Proc. and Props. of Matls.)
Prerequisites *MSE 23000*
- (3) MSE 36700 (Materials Processing Laboratory)
Prerequisites *MSE 23500, MSE 26000*
- (3) MSE 38200 (Mechanical Response of Materials)
Prerequisites *MSE 25000, MA 26500 (or MA 26200)*
- (3) MSE 420 (Structure & Props. of Organic Matls.)
- (3) Technical Elective
- (0) MSE 39000 (Seminar)
- (15)