

**TO:** The Engineering Faculty  
**FROM:** The Davidson School of Chemical Engineering  
**RE:** Fast Track Change in Requisites for CHE 32000

The Faculty of the Davidson School of Chemical Engineering have approved the following changes. This action is now submitted to the Engineering Faculty with a recommendation for approval.

**Course:** CHE 32000 Statistical Modeling and Quality Enhancement

**Current Requisite:** Pre-requisite:  
CHE 20500 Minimum Grade of a C or ABE 20100 with a Minimum Grade of a D-.  
Con-Current Requisite:  
CHM 26100 or equivalent (CHM 25500 or CHM 25700) and Math Selective I:  
MA 26200 Minimum Grade of a C- or MA 26500 Minimum Grade of a C- or  
MA 35100 Minimum Grade of a C

**Proposed Requisite:** Pre-requisite:  
CHE 20500 Minimum Grade of a C or ABE 20100 with a Minimum Grade of a  
D- and *MA 26100 with Minimum Grade of C-*.  
Con-Current Requisite:  
CHM 26100 or equivalent (CHM 25500 or CHM 25700) and  
and Math Selective I: MA 26200 Minimum Grade of a C- or MA 26500  
Minimum Grade of a C- or MA 35100 Minimum Grade of a C

**Reason:**

The current requisite for CHE 32000, implies that MA 26100 is an indirect pre-requisite since it is required to enroll in MA 26500 and or MA 26200 which fulfills the ChE Math Selective I requirement. Since the Math Department is considering potentially removing MA 26100 as a pre-requisite for MA 26500 (ChE Math Selective I), MA 26200 (ChE Math Selective I) and MA 26600 (ChE Math Selective II), if they should implement this change, this would allow students to enroll in CHE 32000, MA 26100 Multivariate Calculus and MA 26500 Linear Algebra or MA 26200 Linear Algebra and Differential Equations or MA 26600 Differential Equations simultaneously. To prevent this from happening, and ensuring the students have the necessary fundamental math skills to be successful in this course, we feel it is more than appropriate to implement MA 26100 Multivariate Calculus as hard pre-requisite.



---

Sangtae Kim  
Jay and Cynthia Ihlenfeld Head of Chemical Engineering