

To: Faculty of the College of Engineering
From: Faculty of the School of Chemical Engineering
RE: CHE 205 Prerequisite change

The faculty of the School of Chemical Engineering has approved the following change and submits it for your approval.

From:

CHE 205 Chemical Engineering Calculations

Sem. 1, 2, Class 3, cr. 3

Prerequisites: PHYS 152; MA 161 or 165, CHM 116 or CHM 124, C S 156 or C S 158

Quantitative applications of steady-state mass and energy balances to solve problems involving multi-component systems and multi-unit chemical processes. Single-component and multi-component phase equilibria, single-reaction and multiple-reaction stoichiometry, coupled mass and energy balances, chemical processes involving bypass and recycle streams.

To:

CHE 205 Chemical Engineering Calculations

Sem. 1, 2, Class 3, cr. 3

Prerequisites: PHYS 172, MA 161 or 165, ENGR 126
Corequisite: CHM 116 or 124

Quantitative applications of steady-state mass and energy balances to solve problems involving multi-component systems and multi-unit chemical processes. Single-component and multi-component phase equilibria, single-reaction and multiple-reaction stoichiometry, coupled mass and energy balances, chemical processes involving bypass and recycle streams.

Rationale: The change of CHM 116 or 124 to a co-req for CHE 205 will allow for students who decide late in the first year program that they would like to matriculate into CHE to keep pace in the program. CS 158 is no longer offered. The course has been modified into CS 159 and is no longer a required course for First Year Engineering students. Chemical Engineering will not require this course any longer. Therefore, it must be removed as a pre-requisite for CHE 205. ENGR 126 contains a portion of C programming and should now be listed as a pre-requisite for CHE 205. PHYS 172 will replace PHYS 152 which is no longer taught by the PHYS department.

A. Varma, Head
School of Chemical Engineering
Date: 12/14/06