

To: Faculty of the College of Engineering

From: Faculty of the School of Chemical Engineering

Re: CHE 306 corequisite change

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

From:

**CHE 306 Design of Staged Separation Processes**

Sem 1, Class 3, cr. 3

Prerequisites: CHE 205, 211 Corequisite: CHE 377

The application of equilibria and mass and energy balances for the design of staged separation processes. Use of various equilibrium data and thermodynamic principles for the design of batch and continuous distillation, absorption, stripping, and extraction systems. Stagewise calculations and graphical methods for design of binary systems. Design of multicomponent separators. Determination of stage efficiency and column size.

To:

**CHE 306 Design of Staged Separation Processes**

Sem 1, Class 3, cr. 3

Prerequisites: CHE 205, 211

The application of equilibria and mass and energy balances for the design of staged separation processes. Use of various equilibrium data and thermodynamic principles for the design of batch and continuous distillation, absorption, stripping, and extraction systems. Stagewise calculations and graphical methods for design of binary systems. Design of multicomponent separators. Determination of stage efficiency and column size.

**Rationale:** The faculty has determined that the course content of CHE 306 does not require that it be taken simultaneously with CHE 377, thus, CHE 377 should be removed as a co-requisite for CHE 306.

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