

**PURDUE UNIVERSITY**  
REQUEST FOR ADDITION, EXPIRATION,  
OR REVISION OF AN UNDERGRADUATE COURSE  
(100-400 LEVEL)

22-06

DEPARTMENT  EFFECTIVE SESSION

INSTRUCTIONS: Please check the items below which describe the purpose of this request.

- |   |   |
|---|---|
| <input type="checkbox"/> 1. New course with supporting documents          | <input type="checkbox"/> 7. Change in course attributes (department head signature only)  |
| <input type="checkbox"/> 2. Add existing course offered at another campus | <input type="checkbox"/> 8. Change in instructional hours                                 |
| <input type="checkbox"/> 3. Expiration of a course                        | <input type="checkbox"/> 9. Change in course description                                  |
| <input type="checkbox"/> 4. Change in course number                       | <input checked="" type="checkbox"/> 10. Change in course requisites                       |
| <input type="checkbox"/> 5. Change in course title                        | <input type="checkbox"/> 11. Change in semesters offered (department head signature only) |
| <input type="checkbox"/> 6. Change in course credit/type                  | <input type="checkbox"/> 12. Transfer from one department to another                      |

<b>PROPOSED:</b>	<b>EXISTING:</b>
Subject Abbreviation <input type="text"/>	Subject Abbreviation <input type="text" value="CHE"/>
Course Number <input type="text"/>	Course Number <input type="text" value="306"/>
Long Title <input type="text"/>	
Short Title <input type="text"/>	

Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)

**TERMS OFFERED**  
Check All That Apply:

Summer     Fall     Spring

**CAMPUS(ES) INVOLVED**

Calumet     N. Central  
 Cont Ed     Tech Statewide  
 Ft. Wayne     W. Lafayette  
 Indianapolis

**CREDIT TYPE**

1. Fixed Credit: Cr. Hrs.

2. Variable Credit Range:

Minimum Cr. Hrs.

(Check One) To  Or

Maximum Cr. Hrs.

3. Equivalent Credit: Yes  No

4. Thesis Credit: Yes  No

**COURSE ATTRIBUTES: Check All That Apply**

<input type="checkbox"/> 1. Pass/Not Pass Only	<input type="checkbox"/> 7. Registration Approval Type
<input type="checkbox"/> 2. Satisfactory/Unsatisfactory Only	Department <input type="checkbox"/> Instructor <input type="checkbox"/>
<input type="checkbox"/> 3. Repeatable	<input type="checkbox"/> 8. Variable Title
Maximum Repeatable Credit: <input type="text"/>	<input type="checkbox"/> 9. Remedial
<input type="checkbox"/> 4. Credit by Examination	<input type="checkbox"/> 10. Honors
<input type="checkbox"/> 5. Designator Required	<input type="checkbox"/> 11. Full Time Privilege
<input type="checkbox"/> 6. Special Fees	<input type="checkbox"/> 12. Off Campus Experience

Instructional Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated	Delivery Method (Asyn. Or Syn.)	Delivery Medium (Audio, Internet, Live, Text-Based, Video)
Lecture						
Simulation						
Animation						
Laboratory						
Lab Prep						
Studio						
Distance						
Clinic						
Experiential						
Research						
Ind. Study						
Pract/Observ						

**Cross-Listed Courses**


**COURSE DESCRIPTION (INCLUDE REQUISITES):**

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.

Calumet Department Head _____ Date _____	Calumet School Dean _____ Date _____
Fort Wayne Department Head _____ Date _____	Fort Wayne School Dean _____ Date _____
Indianapolis Department Head _____ Date _____	Indianapolis School Dean _____ Date _____
North Central Department Head _____ Date _____	North Central Chancellor _____ Date _____
West Lafayette Department Head <i>A. Varma</i> _____ Date <i>5-4-07</i>	West Lafayette College/School Dean _____ Date _____
	West Lafayette Registrar _____ Date _____



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.

APPROVED FOR THE FACULTY  
OF THE SCHOOLS OF ENGINEERING  
BY THE COMMITTEE ON  
FACULTY RELATIONS

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

CFR Minutes 16

Date 2/22/07

Chairman CFR Michael Atkinson

