TO: The Faculty of the College of Engineering
FROM: The Faculty of Agricultural and Biological Engineering
RE: Deletion of ABE 55500

The faculty of the Department of Agricultural and Biological Engineering have approved the deletion of the following course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

**ABE 55500 Biological and Food Processing Unit Operations**
Sem 1. Class 3, Lab 2, Cr. 4
Prerequisites: CHE 37800

Analysis and design of operations, such as sterilization, freezing, dehydration, fermentation, and separation processes. Integration of pilot plant results into the design and scale-up process systems. Emphasis on how the properties of biological materials influence the quality of the processed product.

**Reason:** This course is being replaced by ABE 55700 (3 credits) which will include the most essential information from ABE 55500 course. The reduction in course content and credit hours will help the Department meet the 128 credit constraint for the Biological Engineering plan of study.

Bernard A. Engel, Professor and Head
Agricultural and Biological Engineering Department
### PROPOSED: Biological and Food Processing Unit Operations

**Existing:**

- Subject Abbreviation: ABE
- Course Number: 55500
- Long Title: Biological and Food Processing Unit Operations
- Short Title: Biological and Food Processing Unit Operations

**CREDIT TYPE:**

1. Fixed Credit: Cr. Hrs: 4
2. Variable Credit Range: 
   - Minimum Cr. Hrs: 
   - Maximum Cr. Hrs: 
3. Equivalent Credit: Yes
4. Pass/No Pass Only
5. Satisfactory/Unsatisfactory Only
6. Repeatable
7. Credit by Examination
8. Off-Campus Experience

### TERMS OFFERED:

- Fall
- Spring
- Summer
- CAMPUS(ES) INVOLVED: Calumet, N. Central, East Central, Tech Statewide, Fort Wayne, W. Lafayette, Indianapolis

### COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

### COURSE LEARNING OUTCOMES:

**Cross-Listed Courses:**

- Lecture
- Recitation
- Presentation
- Laboratory
- Lab Prep
- Studio
- Distance
- Clinic
- Experiential
- Research
- Ind. Study
- Pract/Observ

**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 Faculty Senate Chair**

- Date

**Vice Chancellor for Academic Affairs**

- Date

**West Lafayette Department Head**

- Date

**West Lafayette College/School Dean**

- Date

**West Lafayette Registrar**

- Date