**DEPARTMENT**: School of Chemical Engineering  
**EFFECTIVE SESSION**: Fall 2015

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

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

**PROPOSED**: 
- **Subject Abbreviation**: CHE
- **Course Number**: 42000
- **Long Title**: Process Safety Management and Analysis
- **Short Title**: Process Safety Mgmt & Anlys

**EXISTING**: 
- **Subject Abbreviation**: CHE

**TERMS OFFERED**: Check All That Apply: 
- Summertime: ☐
- Fall: ☑
- Spring: ☐

**CAMPUS(ES) INVOLVED**: 
- Calumet: ☐
- Cont Ed: ☐
- Ft Wayne: ☑
- Tech Statewide: ☐
- W. Lafayette: ☐
- Indianapolis: ☐

**CREDIT TYPE**

1. Fixed Credit: Cr. Hrs: 3
2. Variable Credit Range: ☐
3. Equivalent Credit: Yes ☐ No ☐

**COURSE ATTRIBUTES**: Check All That Apply

1. Pass/Not Pass Only: ☐
2. Satisfactory/Unsatisfactory Only: ☐
3. Repeatable: ☐
4. Maximum Repeatable Credit: ☐
5. Fee: ☐
6. Registration Approval Type: ☐
7. Variable Title: ☐
8. Honors: ☐
9. Full Time Privilege: ☐
10. Off Campus Experience: ☐

**Schedule Type**

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

**% of Credit**

- Offered: ☐
- Allocated: ☐

**DEVELOP KNOWLEDGE OF PROCESS SAFETY MANAGEMENT AND ANALYSIS IN THE PROCESS INDUSTRIES**

- Including hazard identification, hazard analysis and risk management.

**COURSE LEARNING OUTCOMES**

**DEVELOP KNOWLEDGE OF PROCESS SAFETY MANAGEMENT AND ANALYSIS IN THE PROCESS INDUSTRIES**

- Including hazard identification, hazard analysis and risk management.

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**Office of the Registrar**

**FORM 40 REV 5/11**

**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**:  8/5/2015

**AVaramo**:  8/5/2015

**West Lafayette Department Head**: Date  
**West Lafayette College/School Dean**: Date  
**West Lafayette Registrar**: Date

**OFFICE OF THE REGISTRAR**
TO: The Faculty of the College of Engineering
FROM: The School of Chemical Engineering
RE: Change to Existing Undergraduate Course, CHE 42000 title and description

The faculty of the School of Chemical Engineering has approved the change in course title and catalog description for the course listed below. This action is now submitted to the Engineering Faculty with a recommendation for approval.

FROM: CHE 42000 Process Safety Management

Students will develop knowledge of process safety management in the process industries. This new course is being developed with significant input from industrial safety professionals and will prepare students for the safety problems they will encounter in industry.

TO: CHE 42000 Process Safety Management and Analysis

Develop knowledge of process safety management and analysis in the process industries – including hazard identification, hazard analysis and risk management.

REASON: The current course title and description for CHE 42000 do not adequately represent the course. The addition of “analysis” to the course title and modification to the course description are necessary to accurately reflect the current course content.

Arvind Varma, Jay and Cynthia Ihlenfeld Head
School of Chemical Engineering