### PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF A COURSE

**APARTMENT:** Chemical Engineering  
**EFFECTIVE SESSION:** 2/05

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

<table>
<thead>
<tr>
<th>Proposed</th>
<th>Existing</th>
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<tbody>
<tr>
<td>Subject Abbreviation</td>
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<tr>
<td>Course Number</td>
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<td>Long Title</td>
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<tr>
<td>Short Title</td>
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**PROPOSED:**
- Subject Abbreviation: CHE
- Course Number: 320
- Long Title: Statistical Modeling and Quality Enhancement
- Short Title: STAT MDL & QUAL ENHANCE

**EXISTING:**
- Subject Abbreviation: CHE
- Course Number: 320

**TERMS OFFERED:**
- Check All That Apply:
  - Summer
  - Fall
  - Spring (✓)

**CAMPUS(ES) INVOLVED:**
- Calumet
- Indianapolis
- West Lafayette
- Fort Wayne
- N. Central
- Cont Ed
- Tech Statewide

**CREDIT TYPE**
1. Fixed Credit: Cr. Hrs. 3
2. Variable Credit Range: Minimum Cr. Hrs (Check One) To Or Maximum Cr. Hrs
- Equivalent Credit: Yes
- Thesis Credit: Yes

**COURSE ATTRIBUTES:**
- 1. Pass/Not Pass Only
- 2. Satisfactory/Unsatisfactory Only
- 3. Repeatable
- 4. Credit by Examination
- 5. Designator Required
- 6. Special Fees

**INSTRUCTIONAL TYPE**
- Lecture: Minutes Per Mig  50, Meetings Per Week 3, Weeks Offered 16
- Pract/Observe: 10

**% of Credit Allocated**
- 100
- 25

**DELIVERY METHOD**
- Asyn. Or Syn.: 100
- Live: 25

**DELIVERY MEDIUM**
- Audio, Internet, Live, Text-Based, Video

**COURSE DESCRIPTION (INCLUDE REQUISITES):**

CHE 320 Statistical Modeling and Quality Enhancement

Sem. 2, Class 3, cr. 3 (6 CHE). Prerequisite: CHE 205; co-requisite MA 262 or equivalent. Statistical modeling methods, design of experiments, error analysis, curve fitting and regression, analysis of variance, confidence intervals, quality control and enhancement; emphasizes preparation for designing chemical engineering laboratory experiments and analyzing data.

**MEETING ATTENDING**
- Department Chair
- Undergraduate Curriculum Committee

**SIGNATURES:**
- Department Chair
- Undergraduate Curriculum Committee
- Calumet Undergrad Curriculum Committee
- Calumet Department Head
- Calumet School Dean
- Fort Wayne Department Head
- Fort Wayne School Dean
- East Wayne Chancellor
- Indianapolis Department Head
- Indianapolis School Dean
- Undergraduate Curriculum Committee
- North Central Department Head
- North Central Chancellor
- Graduate Council Secretary
- West Lafayette Department Head
- West Lafayette School Dean
- West Lafayette Registrar

**Dated:**
- 2-28-05
- 3/5/05
- 3/15/05

**OFFICE OF THE REGISTRAR**