REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF AN UNDERGRADUATE COURSE
(10000-40000 LEVEL)

DEPARTMENT: School of Chemical Engineering  EFFECTIVE SESSION: Fall 2015

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

- New course with supporting documents
- Add existing course offered at another campus
- Expiration of a course
- Change in course number
- Change in course title
- Change in course credit/type
- Change in course attributes (department head signature only)
- Change in instructional hours
- Change in course description
- Change in course requisites
- Change in semesters offered (department head signature only)
- Transfer from one department to another

PROPOSED:

- Subject Abbreviation: 
- Course Number: 29000
- Long Title: Industrial Practice I
- Short Title: 

EXISTING:

- Subject Abbreviation: CHE
- Course Number: 
- CAMPUS(ES) INVOLVED:
  - Calumet
  - Cont Ed
  - Ft. Wayne
  - Indianapolis
  - N. Central
  - Tech Statewide
  - W. Lafayette

TERMS OFFERED:

- Check All That Apply:
  - Summer
  - Fall
  - Spring

CREDIT TYPE:

1. Fixed Credit Cr. Hrs:
2. Variable Credit Range:
   Minimum Cr. Hrs: 
   Maximum Cr. Hrs: 
   (Check One) To Or 
3. Equivalent Credit: Yes No

COURSE ATTRIBUTES: Check All That Apply

1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
4. Credit by Examination
5. Fees
   - Grad
   - Lab
   - Rate Request
   - Off Campus Experience
   - Include comment to explain fee

SCHEDULE TYPE:

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

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

*COURSE LEARNING OUTCOMES:

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

Avram governmental signature

6/11/2015

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

OFFICE OF THE REGISTRAR
## REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE
(10000-40000 LEVEL)

**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. 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:

<table>
<thead>
<tr>
<th>Subject Abbreviation</th>
<th>Course Number</th>
<th>Long Title</th>
<th>Short Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHE</td>
<td>29100</td>
<td>Industrial Practice II</td>
<td></td>
</tr>
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</table>

### CREDIT TYPE

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

### COURSE NUMBER:

- Course Number: 29100
- Subject Abbreviation: CHE

### LONG TITLE:

- Title: Industrial Practice II

### TERMS OFFERED:

- Summer
- Fall
- Spring

### CAMPUS(ES) INVOLVED:

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

### CREDIT TYPE

- 1. Pass/Not Pass Only
- 2. Satisfactory/Unsatisfactory Only
- 3. Repeatable
- 4. Credit by Examination
- 5. Fees

### COURSE ATTRIBUTES:

- Department
- Instructor
- Variable Title
- Full Time Privilege
- Off-Campus Experience

### SCHEDULE TYPE

<table>
<thead>
<tr>
<th>Schedule Type</th>
<th>Minutes Per Mq</th>
<th>Meetings Per Week</th>
<th>Weeks Offered</th>
<th>% of Credit Allocated</th>
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<tr>
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<td>Presentation</td>
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<tr>
<td>Pract/Observ</td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

### COURSE DESCRIPTION (INCLUDE REQUIREMENTS/RESTRICTIONS)


### COURSE LEARNING OUTCOMES


### SIGNATURES

- 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
- Office of the Registrar Date
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE (10000-40000 LEVEL)

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: 29600
Long Title: Professional Internship I
Short Title: 

EXISTING:

Subject Abbreviation: CHE
Course Number: 29600

TERMS OFFERED:

☐ Summer
☐ Fall
☐ Spring

CAMPUS(ES) INVOLVED:

Calumet
Cont Ed
Ft. Wayne
Indiana University
North Central
Tech statewide
W. Lafayette

Abbreviated title will be entered by the Office of the Registrar if omitted. (20 CHARACTERS ONLY)

CREDIT TYPE

1. Fixed Credit: Cr. Hrs:
2. Variable Credit Range: 
   Minimum Cr. Hrs: 
   Maximum Cr. Hrs: 
   (Check One) To or
3. Equivalent Credit: Yes No

COURSE ATTRIBUTES: Check All That Apply

1. Pass/No Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
   Maximum Repeatable Credit:
4. Credit by Examination
5. Fees:
   Coop Lab Rate Request
   10 Off-Campus Experience

Include comment to explain fee

SCHEDULE TYPE

Cross-Listed Courses

Lecture
Recitation
Presentation
Laboratory
Lab Prep
Studio
Distance
Clinic
Experiential
Research
Ind. Study
Practic/Observe

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

COURSE LEARNING OUTCOMES

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

OFFICE OF THE REGISTRAR
**REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE**

(10000-40000 LEVEL)

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

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

- [ ] New course with supporting documents
- [ ] Add existing course offered at another campus
- [ ] Expiration of a course
- [x] 4. Change in course number
- [x] Change in course title
- [ ] Change in course credit/type
- [ ] Change in course attributes (department head signature only)
- [ ] Change in instructional hours
- [ ] Change in course description
- [ ] Change in course requisites
- [ ] Change in semesters offered (department head signature only)
- [ ] Transfer from one department to another

**PROPOSED:**

<table>
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<tr>
<th>Subject Abbreviation</th>
<th>Existing Subject Abbreviation</th>
<th>Course Number</th>
<th>Course Number</th>
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<tbody>
<tr>
<td>CHE</td>
<td>CHE</td>
<td>29699</td>
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</table>

**Long Title:** Professional Internship

**Short Title:**

Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)

**CREDIT TYPE**

- [ ] 1. Fixed Credit: Cr. Hrs
- [ ] 2. Variable Credit Range:
  - Minimum Cr. Hrs
  - Maximum Cr. Hrs
- [ ] 3. Equivalent Credit: Yes

**COURSE DESCRIPTION:**

**COURSE ATTRIBUTES:** Check All That Apply

- [ ] 1. Pass/Not Pass Only
- [ ] 2. Satisfactory/Unsatisfactory Only
- [ ] 3. Repeatable
- [ ] 4. Credit by Examination
- [ ] 5. Fees
- [ ] 6. Registration Approval Type
- [ ] 7. Variable Title
- [ ] 8. Honors
- [ ] 9. Full Time Privilege
- [ ] 10. Off-Campus Experience

**SCHEDULE TYPE:**

- Lecture
- Recitation
- Laboratory
- Lab Prep
- Studio
- Distance
- Clinical
- Experiential
- Research
- Pract/Obsev

**Weeks Offered:**

- [ ] 1
- [ ] 2
- [ ] 3
- [ ] 4
- [ ] 5
- [ ] 6
- [ ] 7
- [ ] 8
- [ ] 9
- [ ] 10
- [ ] 11
- [ ] 12
- [ ] 13
- [ ] 14
- [ ] 15
- [ ] 16

**% of Credit Allocated:**

- Cross-Listed Courses

**COURSE DESCRIPTION:**

INCLUDE REQUIREMENTS/RESTRICTIONS:

**COURSE LEARNING OUTCOMES:**

**Calumet Department Head**

<table>
<thead>
<tr>
<th>Date</th>
<th>Calumet School Dean</th>
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<tbody>
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**Fort Wayne Department Head**

<table>
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<tr>
<th>Date</th>
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**Indianapolis Department Head**

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**North Central Faculty Senate Chair**

<table>
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<tr>
<th>Date</th>
<th>Vice Chancellor for Academic Affairs</th>
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**West Lafayette Department Head**

<table>
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<th>West Lafayette School Dean</th>
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**OFFICE OF THE REGISTRAR**

6/11/2016

Signature: [Signature]

Date: [Date]
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE
(10000-40000 LEVEL)

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: 39200
Long Title: Industrial Practice III
Short Title: Industrial Practice III

EXISTING:

Subject Abbreviation: CHE
Course Number: 39200

TERMS OFFERED:

- Summer
- Fall
- Spring

CAMPUS(ES) INVOLVED:

- Calumet
- Cont Ed
- Tech Statewide
- Ft. Wayne
- W. Lafayette
- Indianapolis

CREDIT TYPE

1. Fixed Credit Cr. Hrs.
2. Variable Credit Range
   (Choice One)
   - Minimum Cr. Hrs.:
   - Maximum Cr. Hrs.:
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. Credit by Examination
6. Instructor
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

Include comment to explain fee

SCHEDULE TYPE

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

- % of Credit Offered

- Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUIREMENTS/RESTRICTIONS):

COURSE LEARNING OUTCOMES:

Calumet Department Head: 
Calumet School Dean: 
Date: 
Date: 

Fort Wayne Department Head: 
Fort Wayne School Dean: 
Date: 
Date: 

Indianapolis Department Head: 
Indianapolis School Dean: 
Date: 
Date: 

North Central Faculty Senate Chair: 
Date: 

Vice Chancellor for Academic Affairs: 
Date: 

West Lafayette Department Head: 
West Lafayette College School Dean: 
Date: 
Date: 

West Lafayette Registrar: 
Date: 

OFFICE OF THE REGISTRAR
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE (10000-40000 LEVEL)

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: 39300
Long Title: Industrial Practice IV
Short Title: (Abbreviated title will be entered by the Office of the Registrar if omitted. (32 CHARACTERS ONLY))

EXISTING:

Subject Abbreviation: CHE  Course Number: 39300
Long Title: Industrial Practice IV
Short Title: (Abbreviated title will be entered by the Office of the Registrar if omitted. (32 CHARACTERS ONLY))

TERMS OFFERED:

Check All That Apply

☐ Summer  ☑ Fall  ☑ Spring

CAMPUS(ES) INVOLVED

☐ Calumet  ☑ N. Central  ☑ Tech Statewide  ☐ W. Lafayette
☐ Ft. Wayne  ☑ 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

COURSE ATTRIBUTES: Check All That Apply

1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
4. Credit by Examination
5. Fees  Lab  Rate Request
   Coop  10 Off-Campus Experience
   Include comment to explain fee

Schedule Type

Lecture  Recitation  Presentation  Laboratory  Lab Prep  Studio  Distance  Clinic  Experiential  Field Study  Pract/Observ

Minutes Per Mtg.  Meetings Per Week  Weeks  % of Credit

Offered  Allocated  Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUIREMENTS/RESTRICTIONS):

*COURSE LEARNING OUTCOMES:

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

AVarano  6/11/2015

OFFICE OF THE REGISTRAR
**REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE**  
(10000-40000 LEVEL)

**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: 39400

**EXISTING:**

- Subject Abbreviation: CHE  
- Course Number: 39400

**TERMS OFFERED:**

- Check all that apply:
  - Summer
  - Fall
  - Spring

**CAMPUS(ES) INVOLVED:**

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

**LONG TITLE:** Industrial Practice V

**SHORT TITLE:**

Abbreviated title will be entered by the Office of the Registrar if needed (30 CHARACTERS ONLY)

**CREDIT TYPE:**

1. Fixed Credit Cr. Hrs.
2. Variable Credit Range:  
   - Minimum Cr. hrs.
   - Maximum Cr. hrs.
3. Equivalent Credit: Yes ☒ No ☐

**COURSE ATTRIBUTES:**

1. Pass/No Pass Only ☐  
2. Satisfactory/Unsatisfactory Only ☐  
3. Repeatable ☐  
4. Maximum Repeatable Credit:  
5. Credit by Examination ☐  
6. Registration Approval Type ☐  
7. Variable Title ☐  
8. Honors ☐  
9. Full Time Privilege ☐  
10. Off Campus Experience ☐

**SCHEDULE TYPE:**

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Recitation</th>
<th>Presentation</th>
<th>Laboratory</th>
<th>Lab Prep</th>
<th>Studio</th>
<th>Distance</th>
<th>Clinic</th>
<th>Experiential</th>
<th>Research</th>
<th>Ind. Study</th>
<th>Pract/Observ</th>
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</thead>
<tbody>
<tr>
<td>Minutes</td>
<td>Meetings Per</td>
<td>Weeks</td>
<td>% of Credit</td>
<td>Offered</td>
<td>Allocated</td>
<td>Cross-Listed Courses</td>
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</tr>
</tbody>
</table>

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

**COURSE LEARNING OUTCOMES:**

**Calumet Department Head**

**Calumet School Dean**

**Fort Wayne Department Head**

**Fort Wayne School Dean**

**Indianapolis Department Head**

**Indianapolis School Dean**

**North Central Faculty Senate Chair**

**Vice Chancellor for Academic Affairs**

**A Varun**

6/11/2015

**North Central Registrar**

**West Lafayette Department Head**

**West Lafayette College School Dean**

**West Lafayette Registrar**

**OFFICE OF THE REGISTRAR**
To: The Faculty of the College of Engineering

From: The School of Chemical Engineering

Date: June 11, 2015

RE: Deletion of CHE 29000, CHE 29100, CHE 39200, CHE 39300, CHE 39400, CHE 29600, CHE 29699 and CHE 39600

The faculty of the School of Chemical Engineering has approved the deletion of the following course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

---

**CHE 29000 Industrial Practice I**
Sem. 1, 2 or SS. Cr. 0.
Restriction: For cooperative program students only.

Practice in industry and comprehensive written reports of this practice. For cooperative program students only. Must be accepted for the program by the cooperative program coordinator.

**CHE 29100 Industrial Practice II**
Sem. 1, 2 or SS. Cr. 0.
Restriction: For cooperative program students only.

Practice in industry and comprehensive written reports of this practice. For cooperative program students only. Must be accepted for the program by cooperative program coordinator.

**CHE 39200 Industrial Practice III**
Sem. 1, 2 or SS. Cr. 0.
Restriction: For cooperative program students only.

Practice in industry and comprehensive written reports of this practice. For cooperative program students only. Must be accepted for the program by cooperative program coordinator.

**CHE 39300 Industrial Practice IV**
Sem. 1, 2 or SS. CR. 0.
Restriction: For cooperative program students only.

Practice in industry and comprehensive written reports of this practice. For cooperative program students only. Must be accepted for the program by the cooperative program coordinator.

**CHE 39400 Industrial Practice V**
Sem. 1, 2, or SS. CR. 0.
Restriction: For cooperative program students only.

Practice in industry and comprehensive written reports of this practice. For cooperative program students only. Must be accepted for the program by the cooperative program coordinator.
CHE 29600 Professional Internship I
Sem. 1, 2, or SS. CR. 0
Restriction: Instructor permission required.

Professional experience in chemical engineering. Program coordinated by school in cooperation with participating employers. Students submit a summary report. Permission of instructor required.

CHE 29699 Professional Practice Internship I
Sem. 1, 2 or SS. CR. 0
Restriction: Departmental permission required. May be repeated for credit.

To obtain professional practice with qualified employers within industry, government or small business. Permission of department required.

CHE 39600 Professional Internship II
Sem. 1, 2 or SS. CR. 0
Restriction: Instructor permission required. May be repeated for credit.

Professional experience in chemical engineering. Program coordinated by school in cooperation with participating employers. Students submit a summary report. Permission of instructor required.

REASON: To help maintain consistent course numbers and titles for Professional Practice courses throughout all disciplines participating in the Professional Practice Programs. New courses are already in place and these courses are not to be used for future registrations.

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