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

**DEPARTMENT** School of Materials Engineering  
**EFFECTIVE SESSION** Spring 2015

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

- [x] 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
- [x] 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>MSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Number</td>
<td>29199</td>
</tr>
<tr>
<td>Long Title</td>
<td>Professional Practice 5-Session Co-Op I</td>
</tr>
<tr>
<td>Short Title</td>
<td>Extensive</td>
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**EXISTING:**

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<tbody>
<tr>
<td>Course Number</td>
</tr>
<tr>
<td>Long Title</td>
</tr>
<tr>
<td>Short Title</td>
</tr>
</tbody>
</table>

**TERMS OFFERED: Check All That Apply:**

- [x] Summer
- [ ] Fall
- [x] Spring

**CAMPUS(ES) INVOLVED:**

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

---

**CREDIT TYPE:**

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<tbody>
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<td>2. Variable Credit Range:</td>
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<td>To</td>
</tr>
<tr>
<td>Maximum Cr. Hrs.</td>
<td></td>
</tr>
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<td>No</td>
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**COURSE ATTRIBUTES:**

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</thead>
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<tr>
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<td>Department Instr.</td>
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<td>3. Repeatable</td>
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<tr>
<td>4. Credit by Examination</td>
<td>9. Full Time Privilege</td>
</tr>
<tr>
<td>5. Special Fees</td>
<td>[x] 10. Off Campus Experience</td>
</tr>
</tbody>
</table>

---

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

MSE 29199 Professional Practice 5-Session Co-Op I, Sem. 1, 2, SS, cr. 0. Restrictions: Sophomore standing or consent of instructor. 
Professional experience in Materials Engineering Program coordinated by school with cooperation of participating employers. Students submit summary report and company evaluation.

**COURSE LEARNING OUTCOMES:**

Students will develop the ability to function on multi-disciplinary teams and receive the broad education necessary to understand the impact of engineering solutions in global, economic, environmental and societal context.

---

**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 Dean

Date

West Lafayette Registrar

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

DEPARTMENT: School of Materials Engineering
EFFECTIVE SESSION: Spring 2010

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: MSE
Course Number: 29299
Long Title: Professional Practice 5-Session Co-Op II
Short Title: Practic Extensive II

EXISTING:

Subject Abbreviation
Course Number
Long Title
Short Title

TERMS OFFERED
Check All That Apply:

- Summer
- Fall
- Spring

CAMPUS(ES) INVOLVED

- Calumet
- Central
- Ft. Wayne
- Indianapolis
- Tech Statewide
- W. Lafayette

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. Maximum Repeatable Credit: [ ]
5. Credit by Examination [ ]
6. Registration Approval Type: [ ]
   Department [ ] Instructor [ ]
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 [ x ]
- Research
- Ind. Study
- Pract/Observe

Min. Meetings Per Week

Weeks Offered
% of Credit Allocated

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

MSE 29299 Professional Practice 5-Session Co-Op II; Sem. 1, 2, SS, cr. 0. Restrictions: Sophomore standing or consent of instructor. Professional experience in Materials Engineering. Program coordinated by school with cooperation of participating employers. Students submit summary report and company evaluation.

*COURSE LEARNING OUTCOMES:

Students will develop the ability to function on multi-disciplinary teams and receive the broad education necessary to understand the impact of engineering solutions in global, economics, environmental and societal context.

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

Vice Chancellor for Academic Affairs
Date

West Lafayette Registrar
Date

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

DEPARTMENT School of Materials Engineering
EFFECTIVE SESSION Spring 2010

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/level
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 MSE
Course Number 39399
Long Title Professional Practicum Co-Op III
Short Title MSE 39399

EXISTING:

Subject Abbreviation
Course Number

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

CAMPUS(ES) INVOLVED
- Calumet
- Cont Ed
- N. Central
- Ft. Wayne
- Tech Statewide
- Indianapolis
- W. Lafayette

CREDIT TYPE

1. Fixed Credit: Cr. Hrs. 0
2. Variable Credit Range: Minimum Cr. Hrs. (Check One) To Or
Maximum Cr. Hrs.
3. Equivalent Credit: Yes No

Schedule/Type Minutes Per Mtg Meetings Per Week Weeks Offered % of Credit Allocated
Lecture
Recitation
Presentation
Lab
Lab Prep
Studio
Distance
Clinic
Experiential
Research
Ind. Study
Prac/Observ

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. Registration Approval Type
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
MSE 39399 Professional Practicum 5-Session Co-Op III; Sem. 1, 2, SS, cr. 0. Restrictions: Sophomore standing, consent of instructor. Professional experience in Materials Engineering. Program coordinated by school with cooperation of participating employers. Students submit summary report and company evaluation.

*COURSE LEARNING OUTCOMES:
Students will develop the ability to function on multi-disciplinary teams and receive the broad education necessary to understand the impact of engineering solutions in global, economic, environmental and societal context.

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

DEPARTMENT School of Materials Engineering
EFFECTIVE SESSION Spring 2016

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

PROPOSED:
Subject Abbreviation MSE
Course Number 39499
Long Title Professional Practice 5-Session Co-Op IV
Short Title MSE 39499

EXISTING:
Subject Abbreviation
Course Number

TERMS OFFERED
Check All That Apply:

- Summer
- Fall
- Spring

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

CRED TYPE
1. Fixed Credit: Cr. Hrs.
2. Variable Credit Range: Minimum Cr. Hrs.
3. Equivalent Credit: Yes

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

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

COURSE ATTRIBUTES: Check All That Apply

- Registration Approval Type
- Instructor
- Variable Title
- Honors
- Full Time Privilege
- Off Campus Experience

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
MSE 39499 Professional Practice 5-Session Co-Op IV; Sem. 1, 2, SS, cr. 0. Restrictions: Sophomore standing or consent of instructor. Professional experience in Materials Engineering. Program coordinated by school with cooperation of participating employers. Students submit summary report and company evaluation.

*COURSE LEARNING OUTCOMES:
Students will develop the ability to function on multi-disciplinary teams and receive the broad education necessary to understand the impact of engineering solutions in global, economic, environmental and societal context.

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

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

West Lafayette Registrar Date

OFFICE OF THE REGISTRAR
**PURDUE UNIVERSITY**

REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE

**DEPARTMENT** School of Materials Engineering

**EFFECTIVE SESSION** Spring 2016

**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:**

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**EXISTING:**

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<th>Course Number</th>
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<tbody>
<tr>
<td></td>
<td></td>
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**TERMS OFFERED**

- Summer
- Fall
- Spring

**Campus(es) Involved**

- Calumet
- Fort Wayne
- Indiana

**Credit Type**

<table>
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<tr>
<th>Schedule Type</th>
<th>Minutes Per Mg</th>
<th>Meetings Per Week</th>
<th>Weeks Offered</th>
<th>% Credit Allocated</th>
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1. Fixed Credit: Cr. Hrs.
2. Variable Credit Range:
   - Minimum Cr. Hrs. (Check One):
     - Or
   - Maximum Cr. Hrs.
   - Equivalent Credit: Yes
3. Pass/No Pass Only
4. Satisfactory/Unsatisfactory Only
5. Repeatable
6. Credit by Examination
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

COURSE DESCRIPTION (INCLUDE REQUIREMENTS/RESTRICTIONS):

MSE 39999 Professional Practice 6-Session Co-Op V, Sem. 1, 2, SS, cr. 0. Restrictions: Sophomore standing or consent of instructor. Professional experience in Materials Engineering. Program coordinated by school with cooperation of participating employers. Students submit summary report and company evaluation.

*COURSE LEARNING OUTCOMES:

Students will develop the ability to function on multi-disciplinary teams and receive the broad education necessary to understand the impact of engineering solutions in global, economics, environmental and societal context.

**Cross-Listed Courses**

- Calumet Department Head Date
- Fort Wayne Department Head Date
- Indiana Department Head Date
- North Central Faculty Senate Chair Date
- West Lafayette Department Head Date

**OFFICE OF THE REGISTRAR**
**PURDUE UNIVERSITY**

REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF AN UNDERGRADUATE COURSE

(10000-40000 LEVEL)

**EFFECTIVE SESSION Spring 20**

**DEPARTMENT** School of Materials Engineering

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

<table>
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<th>Item</th>
<th>Description</th>
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<tbody>
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<td>Expiration of a course</td>
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<td>4.</td>
<td>Change in course number</td>
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<td>5.</td>
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<td>6.</td>
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<td>8.</td>
<td>Change in instructional hours</td>
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<td>9.</td>
<td>Change in course description</td>
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<tr>
<td>10.</td>
<td>Change in course requisites</td>
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<td>11.</td>
<td>Change in semester offered (department head signature only)</td>
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<td>12.</td>
<td>Transfer from one department to another</td>
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**PROPOSED:**

- **Subject Abbreviation:** MSE
- **Course Number:** 29199
- **Long Title:** Professional Practice 6-Session Co-Op I
- **Short Title:** Industrial Practice I

**EXISTING:**

- **Subject Abbreviation:**
- **Course Number:**

**TERM OFFERED:**

Check All That Apply:

- **Summer**
- **Fall**
- **Spring**

**CAMPUS(ES) INVOLVED:**

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

**ABBREVIATED TITLE** will be entered by the Office of the Registrar if omitted. (20 CHARACTERS ONLY)

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<th>Credit Type</th>
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<td>Minimum Cr. Hrs.</td>
<td>To</td>
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<td>Maximum Cr. Hrs.</td>
<td>Or</td>
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<td>3. Equivalent Credit: Yes</td>
<td>No</td>
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**COURSE ATTRIBUTES:** Check All That Apply

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

**Cross-Listed Courses:**

- [List of cross-listed courses]

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


**COURSE LEARNING OUTCOMES:**

Students will develop the ability to function on multi-disciplinary teams and receive the broad education necessary to understand the impact of engineering solutions in global, economic, environmental and societal context.

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

DEPARTMENT School of Materials Engineering
EFFECTIVE SESSION Spring 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:

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<td>Long Title</td>
<td>Professional Practice Co-Op II</td>
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<tr>
<td>Short Title</td>
<td>Industrial Practice II</td>
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Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)

COURSE ATTRIBUTES: Check All That Apply

- Pass/Not Pass Only
- Satisfactory/Unsatisfactory Only
- Repeatable
- Credit by Examination
- Registration Approval Type
- Department
- Instructor
- Variable Title
- Honors
- Full Time Privilege
- Special Fees
- Off Campus Experience

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

MSE 29299 Professional Practice 5-Session Co-Op II. Sem. 1, 2, SS, cr. 0. Restrictions: Sophomore standing or consent of instructor. Professional experience in Materials Engineering. Program coordinated by school with cooperation of participating employers. Students submit summary report and company evaluation.

*COURSE LEARNING OUTCOMES:

Students will develop the ability to function on multi-disciplinary teams and receive the broad education necessary to understand the impact of engineering solutions in global, economics, environmental and societal context.

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

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

DEPARTMENT: School of Materials Engineering
EFFECTIVE SESSION: Spring 2016

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

PROPOSED:
- 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/credit type

EXISTING:

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

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

Abbreviated title will be entered by the Office of the Registrar if omitted. (50 CHARACTERS ONLY)

CREDIT TYPE:
1. Fixed Credit: Cr. Hrs.: [Number]
3. Equivalent Credit: Yes/No

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

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

* COURSE LEARNING OUTCOMES:
Students will develop the ability to function on multi-disciplinary teams and receive the broad education necessary to understand the impact of engineering solutions in global, economics, environmental and societal context.

Calumet Department Head: [Name]
Calumet School Dean: [Date]

Ft. Wayne Department Head: [Name]
Ft. Wayne School Dean: [Date]

Indianapolis Department Head: [Name]
Indianapolis School Dean: [Date]

North Central Eligibility Senate Chair: [Name]
Vice Chancellor for Academic Affairs: [Date]

West Lafayette Department Head: [Name]
West Lafayette College Dean: [Date]

WEST Lafayette Registrar: [Date]

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

### DEPARTMENT School of Materials Engineering

**EFFECTIVE SESSION** Spring 2020

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

- [x] 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**: MSE
- **Course Number**: 39490
- **Long Title**: Professional Practice Co-Op IV
- **Short Title**: Industrial Practice IV

### EXISTING:

- **Subject Abbreviation**:  
- **Course Number**:  
- **Long Title**:  
- **Short Title**:  

### TERMS OFFERED

Check All That Apply:
- [x] Summer
- [x] Fall
- [x] Spring

### CAMPUS(ES) INVOLVED

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

### CREDIT TYPE

<table>
<thead>
<tr>
<th>Credit Type</th>
<th>Minutes Per Mtg</th>
<th>Meetings Per Week</th>
<th>% of Credit Allocated</th>
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</thead>
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</tbody>
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### COURSE ATTRIBUTES: Check All That Apply

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

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

MSE 39490 Professional Practice Co-Op IV, Sem. 1, 2, SS, cr. 0. Restrictions: Sophomore standing or consent of instructor. Professional experience in Materials Engineering. Program coordinated by school with cooperation of participating employers. Students submit summary report and company evaluation.

### COURSE LEARNING OUTCOMES:

Students will develop the ability to function on multi-disciplinary teams and receive the broad education necessary to understand the impact of engineering solutions in global, economic, environmental, and societal context.

### SIGNATURES

- **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**
- **West Lafayette Department Head**
- **West Lafayette College/Dean**
- **West Lafayette Registrar**

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

DEPARTMENT: School of Materials Engineering
EFFECTIVE SESSION: Spring 2016

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: MSE
Course Number: 39599
Long Title: Professional Practice 5-Session Co-Op V
Short Title: Industrial Practice V

EXISTING:
Subject Abbreviation: 
Course Number: 
Long Title: Professional Practice 5-Session Co-Op V
Short Title: Industrial Practice V

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

CAMPUS(ES) INVOLVED:
- Calumet
- N. Central
- Cont Ed
- Tech Statewide
- Ft. Wayne
- Indianapolis
- 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:
   (Check One) To:
   Or:
   Maximum Cr. Hrs:
   Equivalent Credit: Yes:

COURSE ATTRIBUTES: Check All That Apply
1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
4. Credit by Examination
5. Special Fees
6. Registration Approval Type
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
MSE 39599 Professional Practice 5-Session Co-Op V, Sem. 1, 2, SS, cr. 0. Restrictions: Sophomore standing or consent of instructor. Professional experience in Materials Engineering. Program coordinated by school with cooperation of participating employers. Students submit summary report and company evaluation.

*COURSE LEARNING OUTCOMES:
Students will develop the ability to function on multi-disciplinary teams and receive the broad education necessary to understand the impact of engineering solutions in global, economics, environmental and societal context.

Calumet Department Head: Date
Calumet School Dean: Date
Ft. Wayne Department Head: Date
Ft. 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
TO: The Engineering Faculty

FROM: The Faculty of the School of Materials Engineering

DATE: November 3, 2009

Re: New Courses MSE 29199, MSE 29299, MSE 39399, MSE 39499, MSE 39599

The Faculty of the School of Materials Engineering has approved the following new courses. This action is now submitted to the Engineering Faculty with a recommendation for approval.

**MSE 29199 Professional Practice 5-Session Co-Op I**
Sem. 1, 2 or SS, cr. 0.
Restrictions: Professional Practice students only
Prerequisite: Sophomore standing or consent of instructor.

Professional experience in Materials Engineering. Program coordinated by school with cooperation of participating employers. Students submit summary report and company evaluation.

**MSE 29299 Professional Practice 5-Session Co-Op II**
Sem. 1, 2 or SS, cr. 0.
Restrictions: Professional Practice students only
Prerequisite: MSE 29199

Professional experience in Materials Engineering. Program coordinated by school with cooperation of participating employers. Students submit summary report and company evaluation.

**MSE 39399 Professional Practice 5-Session Co-Op III**
Sem. 1, 2 or SS, cr. 0.
Restrictions: Professional Practice students only
Prerequisite: MSE 29299

Professional experience in Materials Engineering. Program coordinated by school with cooperation of participating employers. Students submit summary report and company evaluation.

**MSE 39499 Professional Practice 5-Session Co-Op IV**
Sem. 1, 2 or SS, cr. 0.
Restrictions: Professional Practice students only
Prerequisite: MSE 39399

APPROVED FOR THE FACULTY OF THE SCHOOLS OF ENGINEERING BY THE ENGINEERING CURRICULUM COMMITTEE

ECC Minutes #12
Date 1-8-10
Chairman ECC R. Cipra
MSE 39599 Professional Practice 5-Session Co-Op V
Sem. 1, 2 or SS, cr. 0.
Restrictions: Professional Practice students only
Prerequisite: MSE 39499

Professional experience in Materials Engineering. Program coordinated by school with cooperation of participating employers. Students submit summary report and company evaluation.

**REASON:** To maintain consistent course numbers and titles for Professional Practice courses throughout all disciplines participating in the Professional Practice Programs.

Keith J. Bowman, Head
School of Materials Engineering