

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

Print Form

EFD 42-10

DEPARTMENT School of Materials Engineering

EFFECTIVE SESSION Spring 2010

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

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

PROPOSED:

EXISTING:

TERMS OFFERED

Check All That Apply:

Subject Abbreviation MSE

Subject Abbreviation _____

Summer Fall Spring

Course Number 29199

Course Number _____

CAMPUS(ES) INVOLVED

Long Title Professional Practice 5-Session Co-Op I

Short Title Prof Practice Extensive I

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

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

CREDIT TYPE

COURSE ATTRIBUTES: Check All That Apply

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

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

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

ScheduleType	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture	_____	_____	_____	_____
Recitation	_____	_____	_____	_____
Presentation	_____	_____	_____	_____
Laboratory	_____	_____	_____	_____
Lab Prep	_____	_____	_____	_____
Studio	_____	_____	_____	_____
Distance	_____	_____	_____	_____
Clinic	_____	_____	_____	_____
Experiential	<u>X</u>	_____	_____	_____
Research	_____	_____	_____	_____
Ind. Study	_____	_____	_____	_____
Pract/Observ	_____	_____	_____	_____

Cross-Listed Courses

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, 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 _____
North Central Faculty Senate Chair _____ Date _____	Vice Chancellor for Academic Affairs _____ Date _____
West Lafayette Department Head _____ Date _____	West Lafayette College School Dean _____ Date _____

[Signature] 11/2/10
West Lafayette Registrar _____ Date _____

11/1/10
[Signature]

PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
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DEPARTMENT School of Materials Engineering EFFECTIVE SESSION Spring 2010

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

- | | |
|---|---|
| <input checked="" type="checkbox"/> 1. New course with supporting documents | <input type="checkbox"/> 7. Change in course attributes (department head signature only) |
| <input type="checkbox"/> 2. Add existing course offered at another campus | <input type="checkbox"/> 8. Change in instructional hours |
| <input type="checkbox"/> 3. Expiration of a course | <input type="checkbox"/> 9. Change in course description |
| <input type="checkbox"/> 4. Change in course number | <input type="checkbox"/> 10. Change in course requisites |
| <input type="checkbox"/> 5. Change in course title | <input type="checkbox"/> 11. Change in semesters offered (department head signature only) |
| <input type="checkbox"/> 6. Change in course credit/type | <input type="checkbox"/> 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 Prof Practice Extensive II

EXISTING:

Subject Abbreviation _____

Course Number _____

TERMS OFFERED
Check All That Apply:

- Summer Fall Spring

CAMPUS(ES) INVOLVED

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> Calumet | <input type="checkbox"/> N. Central |
| <input type="checkbox"/> Cont Ed | <input type="checkbox"/> Tech Statewide |
| <input type="checkbox"/> Ft. Wayne | <input checked="" type="checkbox"/> W. Lafayette |
| <input type="checkbox"/> Indianapolis | |

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

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

COURSE ATTRIBUTES: Check All That Apply

- | | |
|---|--|
| <input type="checkbox"/> 1. Pass/Not Pass Only | <input type="checkbox"/> 6. Registration Approval Type
Department <input checked="" type="checkbox"/> Instructor <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 2. Satisfactory/Unsatisfactory Only | <input type="checkbox"/> 7. Variable Title |
| <input type="checkbox"/> 3. Repeatable | <input type="checkbox"/> 8. Honors |
| Maximum Repeatable Credit: _____ | <input checked="" type="checkbox"/> 9. Full Time Privilege |
| <input type="checkbox"/> 4. Credit by Examination | <input checked="" type="checkbox"/> 10. Off Campus Experience |
| <input checked="" type="checkbox"/> 5. Special Fees | |

Schedule Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture	_____	_____	_____	_____
Recitation	_____	_____	_____	_____
Presentation	_____	_____	_____	_____
Laboratory	_____	_____	_____	_____
Lab Prep	_____	_____	_____	_____
Studio	_____	_____	_____	_____
Distance	_____	_____	_____	_____
Clinic	_____	_____	_____	_____
Experiential	<u>X</u>	_____	_____	_____
Research	_____	_____	_____	_____
Ind. Study	_____	_____	_____	_____
Pract/Observ	_____	_____	_____	_____

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

MSE 29299 Professional Practice 5-Session Co-Op II; Sem. 1, 2, SS, cr. 0. Restrictions: Senior 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 _____
3rd Central Faculty Senate Chair _____ Date _____	Vice Chancellor for Academic Affairs _____ Date _____
West Lafayette Department Head _____ Date _____	West Lafayette College/School Dean _____ Date _____

[Signature] 11/2/10
West Lafayette Registrar _____ Date _____

11/1/10
[Signature]

PURDUE UNIVERSITY
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EFFECTIVE SESSION Spring 2010

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

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

PROPOSED:

EXISTING:

Subject Abbreviation MSE

Subject Abbreviation _____

Course Number 39399

Course Number _____

Long Title Professional Practice 5-Session Co-Op III

Short Title Prof Practice Extensive III

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

TERMS OFFERED

Check All That Apply:

Summer Fall Spring

CAMPUS(ES) INVOLVED

Calumet N. Central
 Cont Ed Tech Statewide
 Ft. Wayne W. Lafayette
 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
- Maximum Repeatable Credit:
4. Credit by Examination
5. Special Fees
6. Registration Approval Type
 Department Instructor
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

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

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

MSE 39399 Professional Practice 5-Session Co-Op III; Sem. 1, 2, SS, cr. 0. Restrictions: mse 29299 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 _____
North Central Faculty Senate Chair _____ Date _____	Vice Chancellor for Academic Affairs _____ Date _____
West Lafayette Department Head _____ Date _____	West Lafayette College/School Dean _____ Date _____

[Signature] 11/2/10
 West Lafayette Registrar _____ Date _____

11/11/10
[Handwritten mark]

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

Print Form

EFD 42-10

DEPARTMENT School of Materials Engineering EFFECTIVE SESSION Spring 2010

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

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

PROPOSED:	EXISTING:
Subject Abbreviation <u>MSE</u>	Subject Abbreviation _____
Course Number <u>39499</u>	Course Number _____
Long Title <u>Professional Practice 5-Session Co-Op IV</u>	Long Title _____
Short Title <u>Prof. Practice Extensive IV</u>	Short Title _____

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

TERMS OFFERED
Check All That Apply:

Summer Fall Spring

CAMPUS(ES) INVOLVED

<input type="checkbox"/> Calumet	<input type="checkbox"/> N. Central
<input type="checkbox"/> Cont Ed	<input type="checkbox"/> Tech Statewide
<input type="checkbox"/> Ft. Wayne	<input checked="" type="checkbox"/> W. Lafayette
<input type="checkbox"/> Indianapolis	

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

COURSE ATTRIBUTES: Check All That Apply

<input type="checkbox"/> 1. Pass/Not Pass Only	<input checked="" type="checkbox"/> 6. Registration Approval Type
<input type="checkbox"/> 2. Satisfactory/Unsatisfactory Only	Department <input checked="" type="checkbox"/> Instructor <input type="checkbox"/>
<input type="checkbox"/> 3. Repeatable	7. Variable Title <input type="checkbox"/>
Maximum Repeatable Credit: _____	8. Honors <input type="checkbox"/>
<input type="checkbox"/> 4. Credit by Examination	9. Full Time Privilege <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> 5. Special Fees	10. Off Campus Experience <input checked="" type="checkbox"/>

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

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):
MSE 39499 Professional Practice 5-Session Co-Op IV; Sem. 1, 2, SS, cr. 0. Restrictions: ~~6-phomore 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 _____
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 <u>Sandra Koffel</u> _____ Date <u>11/2/10</u>

11/11/10

PURDUE UNIVERSITY
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EFFECTIVE SESSION Spring 2010

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

- | | |
|---|---|
| <input checked="" type="checkbox"/> 1. New course with supporting documents | <input type="checkbox"/> 7. Change in course attributes (department head signature only) |
| <input type="checkbox"/> 2. Add existing course offered at another campus | <input type="checkbox"/> 8. Change in instructional hours |
| <input type="checkbox"/> 3. Expiration of a course | <input type="checkbox"/> 9. Change in course description |
| <input type="checkbox"/> 4. Change in course number | <input type="checkbox"/> 10. Change in course requisites |
| <input type="checkbox"/> 5. Change in course title | <input type="checkbox"/> 11. Change in semesters offered (department head signature only) |
| <input type="checkbox"/> 6. Change in course credit/type | <input type="checkbox"/> 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 Prof Practice Extensive ✓

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

EXISTING:

Subject Abbreviation _____

Course Number _____

TERMS OFFERED

Check All That Apply:

- Summer Fall Spring

CAMPUS(ES) INVOLVED

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> Calumet | <input type="checkbox"/> N. Central |
| <input type="checkbox"/> Cont Ed | <input type="checkbox"/> Tech Statewide |
| <input type="checkbox"/> Ft. Wayne | <input checked="" type="checkbox"/> W. Lafayette |
| <input type="checkbox"/> Indianapolis | |

CREDIT TYPE

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

COURSE ATTRIBUTES: Check All That Apply

- | | | |
|---|---|-------------------------------------|
| <input type="checkbox"/> 1. Pass/Not Pass Only | <input type="checkbox"/> 6. Registration Approval Type Department <input checked="" type="checkbox"/> | Instructor <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 2. Satisfactory/Unsatisfactory Only | <input type="checkbox"/> 7. Variable Title | <input type="checkbox"/> |
| <input type="checkbox"/> 3. Repeatable | <input type="checkbox"/> 8. Honors | <input type="checkbox"/> |
| Maximum Repeatable Credit: <input type="text"/> | <input checked="" type="checkbox"/> 9. Full Time Privilege | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> 4. Credit by Examination | <input type="checkbox"/> 10. Off Campus Experience | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> 5. Special Fees | | |

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

Cross-Listed Courses

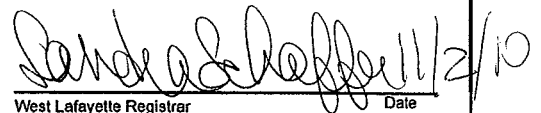
COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

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
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

 11/2/10
 West Lafayette Registrar Date

11/10
R

PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF AN UNDERGRADUATE COURSE
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DEPARTMENT School of Materials Engineering

EFFECTIVE SESSION Spring 2010

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

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

PROPOSED:

EXISTING:

Subject Abbreviation MSE

Subject Abbreviation _____

Course Number 29199

Course Number _____

Long Title Professional Practice ~~5-Session~~ *Extensive* Co-Op I

Short Title Industrial Practice I

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

TERMS OFFERED

Check All That Apply:

Summer Fall Spring

CAMPUS(ES) INVOLVED

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

- | | |
|---|---|
| <input type="checkbox"/> 1. Pass/Not Pass Only | <input type="checkbox"/> 6. Registration Approval Type |
| <input checked="" type="checkbox"/> 2. Satisfactory/Unsatisfactory Only | Department <input type="checkbox"/> Instructor <input type="checkbox"/> |
| <input type="checkbox"/> 3. Repeatable | 7. Variable Title <input type="checkbox"/> |
| Maximum Repeatable Credit: <input type="text"/> | 8. Honors <input type="checkbox"/> |
| <input type="checkbox"/> 4. Credit by Examination | 9. Full Time Privilege <input type="checkbox"/> |
| <input type="checkbox"/> 5. Special Fees | 10. Off Campus Experience <input type="checkbox"/> |

ScheduleType	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture				
Recitation				
Presentation				
Laboratory				
Lab Prep				
Studio				
Distance				
Clinic				
Experiential	X			
Research				
Ind. Study				
Pract/Observ				

Cross-Listed Courses

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, 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 _____
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 _____

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EFFECTIVE SESSION Spring 2010

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

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

PROPOSED:

EXISTING:

TERMS OFFERED
Check All That Apply:

Subject Abbreviation MSE

Subject Abbreviation _____

Summer Fall Spring

Course Number 29299

Course Number _____

CAMPUS(ES) INVOLVED

Long Title Professional Practice 5-Session Co-Op II

Short Title Industrial Practice II

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> Calumet | <input type="checkbox"/> N. Central |
| <input type="checkbox"/> Cont Ed | <input type="checkbox"/> Tech Statewide |
| <input type="checkbox"/> Ft. Wayne | <input checked="" type="checkbox"/> W. Lafayette |
| <input type="checkbox"/> Indianapolis | |

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.
(Check One) To Or
Maximum Cr. Hrs.
3. Equivalent Credit: Yes No

COURSE ATTRIBUTES: Check All That Apply

- | | | | |
|---|--|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> 1. Pass/Not Pass Only | <input type="checkbox"/> 6. Registration Approval Type | Department <input type="checkbox"/> | Instructor <input type="checkbox"/> |
| <input checked="" type="checkbox"/> 2. Satisfactory/Unsatisfactory Only | | | |
| <input type="checkbox"/> 3. Repeatable | <input type="checkbox"/> 7. Variable Title | | <input type="checkbox"/> |
| Maximum Repeatable Credit: <input type="text"/> | <input type="checkbox"/> 8. Honors | | <input type="checkbox"/> |
| <input type="checkbox"/> 4. Credit by Examination | <input type="checkbox"/> 9. Full Time Privilege | | <input type="checkbox"/> |
| <input type="checkbox"/> 5. Special Fees | <input type="checkbox"/> 10. Off Campus Experience | | <input type="checkbox"/> |

ScheduleType	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture				
Recitation				
Presentation				
Laboratory				
Lab Prep				
Studio				
Distance				
Clinic				
Experiential	A			
Research				
Ind. Study				
Pract/Observ				

Cross-Listed Courses

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 _____
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 _____

PURDUE UNIVERSITY
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OR REVISION OF AN UNDERGRADUATE COURSE
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Print Form

EFD 42-10

DEPARTMENT School of Materials Engineering

EFFECTIVE SESSION Spring 2040

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

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

PROPOSED:

EXISTING:

Subject Abbreviation MSE

Subject Abbreviation _____

Course Number 39399

Course Number _____

Long Title Professional Practice 5-Session Co-Op III

Short Title Industrial Practice III

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

TERMS OFFERED
Check All That Apply:

Summer Fall Spring

CAMPUS(ES) INVOLVED

Calumet N. Central
 Cont Ed Tech Statewide
 Ft. Wayne W. Lafayette
 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
- Maximum Repeatable Credit:
4. Credit by Examination
5. Special Fees
6. Registration Approval Type
Department Instructor
7. Variable Title
8. Honors
9. Full Time Privilege
10. Off Campus Experience

ScheduleType	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture	_____	_____	_____	_____
Recitation	_____	_____	_____	_____
Presentation	_____	_____	_____	_____
Laboratory	_____	_____	_____	_____
Lab Prep	_____	_____	_____	_____
Studio	_____	_____	_____	_____
Distance	_____	_____	_____	_____
Clinic	_____	_____	_____	_____
Experiential	X	_____	_____	_____
Research	_____	_____	_____	_____
Ind. Study	_____	_____	_____	_____
Pract/Observ	_____	_____	_____	_____

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

MSE 39399 Professional Practice 5-Session Co-Op III; 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 _____
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 _____

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

Print Form

EFD 42-10

DEPARTMENT School of Materials Engineering

EFFECTIVE SESSION Spring 2010

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

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

PROPOSED:

EXISTING:

TERMS OFFERED
Check All That Apply:

Subject Abbreviation MSE

Subject Abbreviation _____

Summer Fall Spring

Course Number 39499

Course Number _____

CAMPUS(ES) INVOLVED

Long Title Professional Practice 5-Session Co-Op IV

Short Title Industrial Practice IV

Calumet
 Cont Ed
 Ft. Wayne
 Indianapolis

N. Central
 Tech Statewide
 W. Lafayette

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

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

COURSE ATTRIBUTES: Check All That Apply

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

ScheduleType	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture	_____	_____	_____	_____
Recitation	_____	_____	_____	_____
Presentation	_____	_____	_____	_____
Laboratory	_____	_____	_____	_____
Lab Prep	_____	_____	_____	_____
Studio	_____	_____	_____	_____
Distance	_____	_____	_____	_____
Clinic	_____	_____	_____	_____
Experiential	<u>X</u>	_____	_____	_____
Research	_____	_____	_____	_____
Ind. Study	_____	_____	_____	_____
Pract/Observ	_____	_____	_____	_____

Cross-Listed Courses

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, 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 _____
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 _____

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

Print Form

EFD 42-10

DEPARTMENT School of Materials Engineering

EFFECTIVE SESSION Spring 2010

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

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

PROPOSED:

EXISTING:

TERMS OFFERED

Check All That Apply:

Subject Abbreviation MSE

Subject Abbreviation _____

Summer Fall Spring

Course Number 39599

Course Number _____

CAMPUS(ES) INVOLVED

Long Title Professional Practice 5-Session Co-Op V

Short Title Industrial Practice V

Calumet
 Cont Ed
 Ft. Wayne
 Indianapolis

N. Central
 Tech Statewide
 W. Lafayette

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.
(Check One) To Or
Maximum Cr. Hrs.
3. Equivalent Credit: Yes No

COURSE ATTRIBUTES: Check All That Apply

- | | |
|---|--|
| 1. Pass/Not Pass Only <input type="checkbox"/> | 6. Registration Approval Type
Department <input type="checkbox"/> Instructor <input type="checkbox"/> |
| 2. Satisfactory/Unsatisfactory Only <input checked="" type="checkbox"/> | 7. Variable Title <input type="checkbox"/> |
| 3. Repeatable <input type="checkbox"/> | 8. Honors <input type="checkbox"/> |
| Maximum Repeatable Credit: <input type="text"/> | 9. Full Time Privilege <input type="checkbox"/> |
| 4. Credit by Examination <input type="checkbox"/> | 10. Off Campus Experience <input type="checkbox"/> |
| 5. Special Fees <input type="checkbox"/> | |

ScheduleType	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture				
Recitation				
Presentation				
Laboratory				
Lab Prep				
Studio				
Distance				
Clinic				
Experiential	X			
Research				
Ind. Study				
Pract/Observ				

Cross-Listed Courses

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:**

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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 _____

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.

EXTENSIVE
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.

EXTENSIVE
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.

EXTENSIVE
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.

EXTENSIVE
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

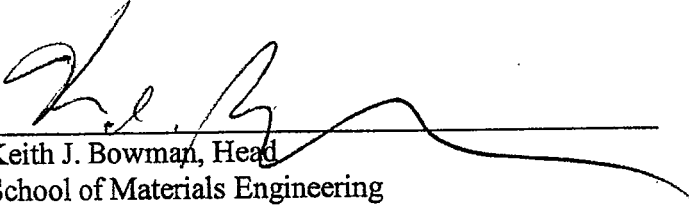
Chairman ECC R. Cipra

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

Extensive
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

