PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF AN UNDERGRADUATE COURSE
(100-400 LEVEL)

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
- Long Title: Professional Preparation in Interdisciplinary Engineering
- Short Title: Professional Preparation in IDE

EXISTING:

- Subject Abbreviation: IDE
- Course Number: 301
- Long Title: Professional Preparation in Interdisciplinary Engineering
- Short Title: Professional Preparation in IDE

TERMS OFFERED:

- Check All That Apply: Summer, Fall, Spring

CAMPUS(ES) INVOLVED:

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

CREDIT TYPE

<table>
<thead>
<tr>
<th>1. Fixed Credit: Cr. Hrs.</th>
<th>1</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Variable Credit Range:</td>
<td></td>
</tr>
<tr>
<td>Minimum Cr. Hrs.</td>
<td></td>
</tr>
<tr>
<td>(Check One)</td>
<td></td>
</tr>
<tr>
<td>Maximum Cr. Hrs.</td>
<td></td>
</tr>
</tbody>
</table>

Equivalent Credit: Yes No

Thesis Credit: Yes No

INSTRUCTIONAL TYPE

| Lecture | 1 |
| Lecture | |
| Internship | |
| Laboratory | |
| Lab Prep | |
| Studio | |
| Distance | |
| Clinic | |
| Experiential | |
| Research | |
| Ind. Study | |
| Pract/Observer | |

Meetings Per Week

Weeks Offered

% of Credit Allocated

Delivery Method (Async. Or Synch.)

Delivery Medium (Audio, Internet, Live, Text-Based, Video)

COURSE ATTRIBUTES: Check All That Apply

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

COURSE DESCRIPTION (INCLUDE REQUISITES):

Seminar covering topics required for professional preparation of engineers including functioning in team, communication, ethics, global and societal impacts, how people learn, and contemporary issues impacting and impacted by engineering. Prerequisite: COM 114 or equivalent.

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

Central Department Head Date
North Central Chancellor 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
(100-400 LEVEL)

DEPARTMENT                      ENGINEERING EDUCATION
EFFECTIVE SESSION              Fall 2007

TUITIONS: 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 prerequisites
☐ 11. Change in semesters offered (department head signature only)
☐ 12. Transfer from one department to another

PROPOSED:

Subject Abbreviation

Existing:

Subject Abbreviation
IDE

Course Number

501

Long Title
Professional Preparation in Interdisciplinary Engineering

Short Title
Professional Preparation in IDE

TERMS OFFERED

Check All That Apply:

☐ Summer
☐ Fall
☑ Spring

CAMPUS(ES) INVOLVED

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

Abbreviated title will be entered by the Office of the Registrar if omitted (22 CHARACTERS ONLY)

CREDIT TYPE

<table>
<thead>
<tr>
<th>Course Credit Type</th>
<th>Minimum Cr. Hrs</th>
<th>Maximum Cr. Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Fixed Credit: Cr. Hrs.</td>
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<td></td>
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<tr>
<td>2. Variable Credit Range:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum Cr. Hrs (Check One)</td>
<td>To</td>
<td>Or</td>
</tr>
<tr>
<td>Maximum Cr. Hrs</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

Instructional Type

Lecture
Recitation
Presentation
Study
Distance
Clinic
Experimental
Research
Ind. Study
Precl/Obser

Minutes Per Mig
Meetings Per Week

Weeks Offered

% of Credit Allocated

Delivery Method (Asyn. Or Syn.)

Delivery Medium (Audio, Internet, Live, Text-Based, Video)

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES):

Seminar covering topics required for professional preparation of engineers including functioning in team, communication, ethics, global and societal impacts, how people learn, and contemporary issues impacting and impacted by engineering. Prerequisite: COM 114 or equivalent.

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

N. Central Department Head
Date

North Central Chancellor
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 Department of Engineering Education 
Date: March 8, 2007 
Subject: Addition of COM 114 prerequisite to IDE 301 

The faculty of the Department of Engineering Education has approved the following changes in IDE 301. This action is now submitted to the Engineering Faculty with a recommendation for approval. 

From: IDE 301 Professional Preparation in Interdisciplinary Engineering  
Sem. 2. Class 1, Cr. 1. Junior or senior standing in IDE. 
Seminar covering topics required for professional preparation of engineers including functioning in teams, communication, ethics, global and societal impacts, how people learn, and contemporary issues impacting and impacted by engineering. 

To: IDE 301 Professional Preparation in Interdisciplinary Engineering  
Sem. 2. Class 1, Cr. 1. Junior or senior standing in IDE.  
Prerequisite: COM 114 or equivalent.  
Seminar covering topics required for professional preparation of engineers including functioning in teams, communication, ethics, global and societal impacts, how people learn, and contemporary issues impacting and impacted by engineering. 

Reason: 
Since EFD 39-04 changed the requirements of the First-Year Engineering program, COM 114 is no longer required in the first year. COM 114 or equivalent courses are still required in the Undergraduate Degree Programs in the Department of Engineering Education, are needed as prerequisites for IDE 301, and thus need to be explicitly listed as a prerequisite. 

Kamyar Haghighi  
Head  
Department of Engineering Education
November 1, 2005

TO: The Faculty of the Schools of Engineering
FROM: The Faculty of the Department of Engineering Education and The First-Year Engineering Curriculum Committee
SUBJECT: Change of Course Requirements for the First-Year Engineering Program.

The Faculty of the Department of Engineering Education and the First-Year Engineering Curriculum Committee have approved course requirement changes to the curriculum for the First-Year Engineering program. This action is now submitted to the Engineering Faculty with a recommendation for approval to take effect for beginning students entering the program Summer 2006 and thereafter.

Current and proposed plans of study are attached. Detailed descriptions of proposed changes are provided along with reasons for these proposed changes and notes on their implementation.

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Kamyar Haghighi, Head
Department of Engineering Education
## CURRENT:

**First-Year Engineering Curriculum**  
(Minimum \( \square \) 32 credit hours)

<table>
<thead>
<tr>
<th>FALL</th>
<th>CR</th>
<th>SPRING</th>
<th>CR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 165/161</td>
<td>4-5</td>
<td>MATH 166/162</td>
<td>4-5</td>
</tr>
<tr>
<td>CHM 115</td>
<td>4</td>
<td>CHM 116</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 106</td>
<td>2</td>
<td>CS 156/158</td>
<td>2-3</td>
</tr>
<tr>
<td>ENGR 100/103/104 (seminar)</td>
<td>1</td>
<td>PHYS 152</td>
<td>4</td>
</tr>
<tr>
<td>COM 114 or ENGL 106/8</td>
<td>3-4</td>
<td>ENGL 106/8 or COM 114</td>
<td>4-3</td>
</tr>
<tr>
<td>CSE 163/164</td>
<td>(2)</td>
<td>TOTAL</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>14-16 (16-18)</td>
<td><strong>TOTAL</strong></td>
<td>17-20</td>
</tr>
</tbody>
</table>

## OPPOSED:

**Typical First-Year Engineering Curriculum**

(Recommended \( \square \) 32 credit hours)

<table>
<thead>
<tr>
<th>FALL</th>
<th>CR</th>
<th>SPRING</th>
<th>CR</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 165/161</td>
<td>4-5</td>
<td>MATH 166/162</td>
<td>4-5</td>
</tr>
<tr>
<td>CHM 115</td>
<td>4</td>
<td>ENGL 106/8 or First-Year Gen Ed(^2)</td>
<td>4-3</td>
</tr>
<tr>
<td>ENGR 126</td>
<td>3</td>
<td>PHYS 152</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 100/103/104 (seminar)</td>
<td>1</td>
<td>Science Selective(^3)</td>
<td>3-4</td>
</tr>
<tr>
<td>ENGL 106/8 or First-Year Gen Ed(^2)</td>
<td>3-4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective(^4,5)</td>
<td>0-3</td>
<td>Elective(^4,5)</td>
<td>0-3</td>
</tr>
<tr>
<td>Total Recommended</td>
<td>15-18</td>
<td>Total Recommended</td>
<td>14-18</td>
</tr>
</tbody>
</table>

Completion of the common core courses will allow entry into all the Schools of Engineering, subject to individual schools’ space management requirements. These include ENGR 100/103/104, a First-Year General Education course, and the following courses upon which the Engineering Admissions Index (EA) will be based: MA 165/161, MA 166/162/173, CHM 115/123, ENGL 106/108, ENGR 126, PHYS 152, an the Science Selective.

First-Year General Education course will be selected from the College of Engineering approved list of General Education Electives. Students are encouraged to select COM 114 as their First-Year General Education course, since it may be required by individual schools. A course taken to fulfill the First-Year General Education requirement will not count towards the 18 hours of required General Education Electi