

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

15-04

DEPARTMENT Engineering Education

EFFECTIVE SESSION Fall 2005

**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   |
| <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  |
| <input type="checkbox"/>            | 6. Change in course credit/type                  |                          |                                  |

**PROPOSED:**

**EXISTING:**

Subject Abbreviation IDE  
Course Number 485

Subject Abbreviation \_\_\_\_\_  
Course Number \_\_\_\_\_

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

Long Title Interdisciplinary Engineering Design

Short Title IDE Design

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

**CAMPUS(ES) INVOLVED**

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

**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
4. Thesis 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. Designator Required
6. Special Fees

**7. Registration Approval Type**

- Department  Instructor
8. Variable Title
9. Remedial
10. Honors
11. Full Time Privilege
12. Off Campus Experience

Instructional Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated	Delivery Method (Asyn. Or Syn.)	Delivery Medium (Audio, Internet, Live, Text-Based, Video)
Lecture	50	1	16	100	SYN	Live
Laboratory	110	2	16	67	SYN	Live
Lab Prep						
Studio						
Distance						
Clinic						
Experiential						
Research						
Ind. Study						
Pract/Observ						

**COURSE DESCRIPTION (INCLUDE REQUISITES):**

Prerequisites: IE 343 (or equivalent), ENE approved engineering design course, MA 262 or MA 265 & 266, departmental permission. Pre-or corequisite: IDE 300. Capstone design experience for interdisciplinary engineering students. Physical system or process system design projects, related to contemporary or potential problems involving interdisciplinary teams of engineers. Use of patent literature. Creativity methods. Analysis of design alternatives using case studies, economics and optimization.

Calumet Undergrad Curriculum Committee	Date	Calumet Department Head	Date	Calumet School Dean	Date
Fort Wayne Department Head	Date	Fort Wayne School Dean	Date	Fort Wayne Chancellor	Date
Indianapolis Department Head	Date	Indianapolis School Dean	Date	<i>K. Montgomery</i> 4/20/05	Date
North Central Department Head	Date	North Central Chancellor	Date	Undergrad Curriculum Committee	Date
<i>K. M. Smith</i> 4/14/05	Date	<i>Leah H. Davis</i> 4/28/05	Date	Date Approved by Graduate Council	
West Lafayette Department Head	Date	West Lafayette School Dean	Date	Graduate Council Secretary	Date
Graduate Area Committee Convener	Date	Graduate Dean	Date	<i>Debra M. Sheets</i>	Date
				West Lafayette Registrar	<b>MAY 18 2005</b>

