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

DEPARTMENT: Engineering Education
EFFECTIVE SESSION: Fall 2005

RATIONS: 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: IDE
Course Number: 485

EXISTING:

Subject Abbreviation
Course Number

Long Title: Interdisciplinary Engineering Design
Short Title: IDE Design

TERMS OFFERED:

Check All That Apply:
- Summer
- Fall
- Spring

CAMPUS(ES) INVOLVED:

- Calumet
- Indianapolis
- W. Lafayette
- Tech Statewide

CREDIT TYPE

1. Fixed Credit: Cr. Hrs.:
   ☐ 3

2. Variable Credit Range:
   Minimum Cr. Hrs:
   Maximum Cr. Hrs:
   (Check One) To  Or

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
4. Credit by Examination
5. Designator Required
6. Special Fees

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

Instructional
Minutes
Per Min:
150
Meetings
Per Week:
1
Weeks:
16
% of Credit
Allocated:
100%
Delivery Method
(Asyn. Or Syn.):
SYN

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

COURSE DESCRIPTION (INCLUDE REQUISITES):

Prerequisites: IE 343 (or equivalent), ENE approved engineering design course, MA 262 or MA 265 & 266, departmental permission. Pre-or corequisites: 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

Undergrad Curriculum Committee Date

North Central Department Head Date

North Central Chancellor Date

North Central Secretary Date

North Central Registrar Date

Graduate Area Committee Convener Date

West Lafayette School Dean Date

West Lafayette Registrar Date

Date Approved by Graduate Council Date

Nebra A. Sheets Date

OFFICE OF THE REGISTRAR