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

ENGINEERING EDUCATION
EFFECTIVE SESSION Fall 2006

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

1. New course with supporting documents
2. Add existing course
3. Expiration of a course
4. Change in course title
5. Change in course number
6. Change in course credit/type
7. Change in course attributes
8. Change in instructional hours
9. Change in course description
10. Change in course requisites
11. Change in semesters offered
12. Transfer from one department to another

PROPOSED:
Subject Abbreviation ENGR
Course Number 126
Long Title Engineering Problem Solving and Computer Tools
Short Title

EXISTING:
Subject Abbreviation ENGR
Course Number 106

TERMS OFFERED
Summer ☐ Fall ☑ Spring ☑

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

CREDIT TYPE
1. Fixed Credit: Cr. Hrs. 3
2. Variable Credit Range: Minimum Cr. Hrs. Maximum Cr. Hrs.
   (Check one) ☑ Cr. By Examination ☑
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. Maximum repeatable credit:
5. Credit by Examination
6. Designator Required
7. Registration Approval Type
   Department ☑ Instructor ☐
8. Variable Title
9. Remedial
10. Honors
11. Full Time Privilege
12. Off Campus Experience

Instructional Type
Lab 50 Mins/Per Week 2
Lecture 100 16 33 SYN
Presentation
Seminar
Laboratory
Clinic
Research
Ind. Study
Prac/Observ

Weeks Offered % of Credit
16 67

Delivery Method (Ayn. Or Syn)
SYN
Live
Delivery Medium (Audio, Internet, Live, Text-Based, Video)
Live

COURSE DESCRIPTION (INCLUDE REQUISITES):
Corequisite: MA 165 or equivalent, or consent of instructor
Introduction to the solving of open-ended engineering problems and the use of computer software, including UNIX, computer communications, spreadsheets and MATLAB. Explicit model-development activities are utilized, and students are expected to develop skill at working in teams. This is emphasized both in laboratories and on projects.

Signature
Calumet Undergrad Curriculum Committee Date

Calumet Department Head Date

Calumet School Dean Date

Fort Wayne Department Head Date

Fort Wayne School Dean Date

Indyapolis Department Head Date

Undergrad Curriculum Committee Date

North Central Department Head Date

North Central Chancellor Date

Fort Wayne Chancellor Date

W. Lafayette Department Head Date

W. Lafayette College/School Dean Date

Graduate Council Area Committee Chair Date

Graduate Dean Date

West Lafayette Registrar Date