Office of the Registrar
FORM 40 REV. 2/99

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

GRADUATE COUNCIL DOCUMENT NO. 00-20g

DEPARTMENT Mechanical Engineering
DATE SUBMITTED 11/7/00

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

PURPOSE
1. Deletion of a course
2. New course with supporting documents
3. Add existing course offered at another campus
4. Change in course number at same level
5. Downgrading of course level
6. Upgrading of course level
7. Change in course title
8. Change in semesters offered
9. Change in course credit/type
10. Change in course attributes
11. Change in instructional hours
12. Change in prerequisites
13. Change in description of course content
14. Transfer of course from one dept. to another

EXISTING:

Subject Abbreviation ME
Course Number 556

PROPOSED:

Subject Abbreviation ME
Course Number 556

Proposed Title Lubrication, Friction, and Wear
Variable Title Yes No

Abbreviated Title Lube, Friction, & Wear

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

CROSS LISTED COURSES
1. Fixed Credit: Cr. Hrs. 3
2. Variable Credit Range: Minimum Cr. Hrs (Check One) To Or Maximum Cr. Hrs.
3. Equivalent Credit: Yes No
4. Thesis Credit: Yes No

SEMESTERS OFFERED
Check All That Apply:
Summer Fall Ag Winter Spring

COURSE ATTRIBUTES:
1. Pass/Not Pass Only
2. Repeatable for Credit
3. Available for Credit by Examination
4. Designator Required
5. Special Fees
6. Approval Required for Enrollment

Department Instructor

INSTRUCTIONAL CLASS FTE TYPE TIME INSTRUCTIONAL CLASS FTE TYPE TIME INSTRUCTIONAL CLASS FTE
Primary 3 Auto-tutorial Thesis
Secondary Ind. Study Observation
Laboratory Clinic Mats Based
Lab. Prep. Experiential

CAMPUS(ES) INVOLVED
Calumet
Fort Wayne
Indianapolis
North Central
West Lafayette
Off Campus

COURSE DESCRIPTION (PREREQUISITES INCLUDED):

ME 556 Lubrication, Friction, and Wear Sem. 2. Class 3. (Offered in alternate years) Prerequisite: senior standing or consent of instructor. Science, technology, and application of lubricated interacting surfaces in relative motion. Advanced analysis techniques and hands-on exposure to modern experimental methods provide an enhanced understanding of fundamental principles of lubrication, friction, and wear. Basics of design and analysis of machine components operating in the presence of air and liquid lubricants. Rolling fatigue, friction and wear models, and measurement techniques. Professor Sadeghi.

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 Chanceller Date
Appr. for Faculty C.D. Sutton, Chair #935
C.D. Sutton, Chair 11/8/00

Indianapolis Department Head Date
Indianapolis School Dean Date
Undergraduate Curriculum Committee Date

North Central Department Head Date
North Central Vice Chancellor Date
Date Approved by Graduate Council

Daniel Hetman 11/7/00
West Lafayette Department Head Date
West Lafayette School Dean Date
Graduate Council Secretary Date
Dena S. Shutes 5/14/01

Kathleen C. Howell 4/19/01

OFFICE OF THE REGISTRAR