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

DEPARTMENT: Electrical & Computer Engineering

DATE SUBMITTED: 1/19/2001
DATE EFFECTIVE: 6/20/2004

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: ECE
Course Number: 620
Proposed Title: Introduction to Biomedical Imaging Systems
Variable Title: Yes
Abbreviated Title: Intro Biomed Imag Sys

PROPOSED:

Subject Abbreviation: ECE

CROSS LISTED COURSES

BME 630

CREDIT TYPE

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

COURSE ATTRIBUTES: Check All That Apply.

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

INSTRUCTIONAL CLASS

Type: Primary
Class: 3
FTE: Instructional
Type: Class
FTE: Instructional
Type: Class
FTE: Instructional
Type: Class
FTE:

CAMPUS(ES) INVOLVED

Calumet
Fort Wayne
Indianapolis
North Central
West Lafayette
Off Campus

COURSE DESCRIPTION (PREREQUISITES INCLUDED):
Pre-or co-requisite: EE 637 or permission of the instructor. (Offered in alternate years.) Overview of biomedical imaging systems and analysis. Examination of various imaging modalities, including X-ray, ultrasound, nuclear, and MRI. Microscopy including how images are formed and what types of information they provide. Image analysis techniques including analysis of cardiac ultrasound, mammography, and MRI functional imagery. Professor Delp.

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
Appr. for Faculty: #949
C. D. Sutton, Chair: 9/5/01

Indianapolis Department Head: Date
Indianapolis School Dean: Date
Undergrad Curriculum Committee: Date

North Central Department Head: Date
North Central Vics Chancellor: Date
North Central School Dean: Date

Graduate Area Committee Convener: Date
Graduate Dean: Date
West Lafayette Registrar: Date

OFFICE OF THE REGISTRAR

APPROVED 11/15/01

DEBRA ALTMAN, Registrar 7/5/02