TO: The Faculty of the College of Engineering
FROM: The Faculty of the School of Biomedical Engineering
RE: New Undergraduate Course, BME 19500, Selected Topics in Biomedical Engineering

The Faculty of the School of Biomedical Engineering has approved the following new course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

BME 19500: Selected Topics in Biomedical Engineering
Term Offered: Spring, Summer, or Fall, Cr. 0-4

Description: Specialized topic areas in BME for which there are not specific courses, workshops, or individual study plans, but having sufficient student interest to justify the formalized teaching of a course.

Reason: The Weldon School of Biomedical Engineering (BME) has recently determined the need for a first-year level course to help prepare students for entering our undergraduate program. This course type is intended to include classroom and experiential learning in topics related to research and practice. Students will gain knowledge of topics relevant to the practice and research in Biomedical Engineering. A variety of assessment methods will be used dependent on the type of projects assigned. This course addition is made to accommodate new course material of current interest to first-year level students in the College of Engineering and in other departments, schools, and colleges with biomedical engineering related interests.

George R. Wodicka, Professor and Head
Weldon School of Biomedical Engineering
### Proposed:
- **Subject Abbreviation**: BME
- **Course Number**: 19500
- **Long Title**: Selected Topics in Biomedical Engineering
- **Short Title**: Select Topics in BME

### Existing:
- **Subject Abbreviation**: 
- **Course Number**: 
- **Long Title**: 
- **Short Title**: 

### Terms Offered:
- **Summer**
- **Fall**
- **Spring**

### Campus(es) Involved:
- Purdue
- N. Central
- Ft. Wayne
- Tech Statewide
- Indianapolis
- West Lafayette

### Credit Type:
- **1. Fixed Credit Cr. Hrs.**: 
- **2. Variable Credit Range**: Minimum Cr. Hrs. 0, Maximum Cr. Hrs. 4
- **3. Equivalent Credit**: Yes

### Schedule Type:
- **Lecture**: 
- **Recitation**: 
- **Presentation**: 
- **Laboratory**: 
- **Lab Prep**: 
- **Studio**: 
- **Distance**: 
- **Clinic**: 
- **Experiential**: 
- **Research**: 
- **Ind. Study**: 
- **Prac/Observe**: 

### Course Attributes:
- **1. Pass/Not Pass Only**: 
- **2. Satisfactory/Unsatisfactory Only**: 
- **3. Repeatable**: 
- **4. Credit by Examination**: 
- **5. Special Fees**: 
- **6. Registration Approval Type**: Department, Instructor
- **7. Variable Title**: 
- **8. Honors**: 
- **9. Full Time Privilege**: 
- **10. Off Campus Experience**: 

### Course Description:
Specialized topic areas in BME for which there are not specific courses, workshops, or individual study plans, but having sufficient student interest to justify the formalized teaching of a course.

### Course Learning Outcomes:
Students will gain knowledge of topics relevant to the practice and research in Biomedical Engineering.

### Signatures:
- **Calumet Department Head**: Date
- **Calumet School Dean**: Date
- **Fort Wayne Department Head**: Date
- **Fort Wayne School Dean**: Date
- **Indianapolis Department Head**: Date
- **Indianapolis School Dean**: Date
- **North Central Department Head**: Date
- **North Central Chancellor**: Date
- **West Lafayette Department Head**: Date
- **West Lafayette Under/Dean**: Date
- **West Lafayette Registrar**: Date

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**Office of the Registrar**

**Date**: 4/20/13