**REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF A COURSE**

**DEPARTMENT:** ECE  
**EFFECTIVE SESSION:** Fall 2006 - Spring 2007

**PROPOSED:**
- Subject Abbreviation: ECE  
- Course Number: 528
- Long Title: Measurement and Stimulation of the Nervous System
- Short Title: Mes + Stim + Nerv Sys

**EXISTING:**
- Subject Abbreviation:
- Course Number:
- Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)

**TERMS OFFERED:**
- Check All That Apply: Spring, Fall

**CAMPUS(ES) INVOLVED:**
- Calumet
- Indianapolis
- W.Lafayette

**CREDIT TYPE:**
- 1. Fixed Credit: Cr. Hrs. 3
- 2. Variable Credit Range:
  - Minimum Cr. Hrs: 3
  - Maximum Cr. Hrs: 3
- 3. Equivalent Credit: Yes
- 4. Thesis Credit: No

**INSTRUCTIONAL TYPE:**
- Lecture
- Practice
- Laboratory
- Lab Prep
- Studio
- Distance
- Clinic
- Experiential
- Research
- Ind. Study
- Pract/Observ
- Minutes Per Mtg: 50
- Meetings Per Week: 3
- Weeks Offered: 16

**COURSE ATTRIBUTES:**
- 1. Pass/No Pass Only
- 2. Satisfactory/Unsatisfactory Only
- 3. Repeatable
- Maximum Repeatable Credit: 3
- 4. Credit by Examination
- 5. Designator Required
- 6. Special Fees

**DELIVERY METHOD:**
- Asyn. Or Syn
- Live, Text-Based, Video

**DELIVERY MEDIUM:**
- Audio, Internet

**CROSS-LISTED COURSES:**
- BME 528

**COURSE DESCRIPTION (INCLUDE REQUISITES):**
**consent granted by permission of the instructor.**
Engineering principles addressing questions of clinical significance in the nervous system: neuroanatomy, fundamental properties of excitable tissues, hearing, vision, motor function, electrical and magnetic stimulation, functional neuroimaging, disorders of the nervous system, development and refinement of sensory prostheses. Also offered as BME 526.

![Signature and Date]

**Calumet Undergrad Curriculum Committee**
**Date**

**Calumet Department Head**
**Date**

**Fort Wayne Department Head**
**Date**

**Fort Wayne School Dean**
**Date**

**Indiana School Dean**
**Date**

**North Central Department Head**
**Date**

**North Central Chancellor**
**Date**

**W.Lafayette Department Head**
**Date**

**Graduate Council Area Committee Chair**
**Date**

**Graduate Dean**
**Date**

**Calumet School Dean**
**Date**

**Fort Wayne Chancellor**
**Date**

**Undergraduate Curriculum Committee**
**Date**

**APPROVED 4/27/06**

**Date Approved by Graduate Council**
**Date**

**West Lafayette Registrar**
**Date**