

REQUEST FOR ADDITION, EXPIRATION,  
OR REVISION OF A COURSE

EFD 12-06

DEPARTMENT ECE

EFFECTIVE SESSION Fall 2007

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

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

PROPOSED:

EXISTING:

TERMS OFFERED

Check All That Apply:

Subject Abbreviation \_\_\_\_\_ Subject Abbreviation ECE

Course Number \_\_\_\_\_ Course Number 553

Long Title Ceramic Materials in Electronic Devices

Short Title Ceram Mat Electrnc Dev

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

Summer  Spring  Fall

CAMPUS(ES) INVOLVED

- |                |                                     |            |                          |
|----------------|-------------------------------------|------------|--------------------------|
| Calumet        | <input type="checkbox"/>            | Ft. Wayne  | <input type="checkbox"/> |
| Indianapolis   | <input type="checkbox"/>            | N. Central | <input type="checkbox"/> |
| W.Lafayette    | <input checked="" type="checkbox"/> | Cont Ed    | <input type="checkbox"/> |
| Tech Statewide | <input type="checkbox"/>            |            |                          |

CREDIT TYPE

1. Fixed Credit: Cr. Hrs.
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. Satisfactory/Unsatisfactory Only
3. Repeatable   
Maximum repeatable credit:
4. Credit by Examination
5. Designator Required
6. Special Fees

7. Registration Approval Type

- Department  Instructor
8. Variable Title
9. Remedial
10. Honors
11. Full Time Privilege
12. Off Campus Experience

Instructional Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated	Delivery Method (Asyn. Or Syn)	Delivery Medium (Audio, Internet, Live, Text-Based, Video)
Lecture						
Recitation						
Presentation						
Laboratory						
Lab Prep						
Studio						
Distance						
Clinic						
Experiential						
Research						
Ind. Study						
Pract/Observ						

Cross-Listed Courses

MSE 553

COURSE DESCRIPTION (INCLUDE REQUISITES):

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
Indianapolis Department Head	Date	Indianapolis School Dean	Date	<i>Michael J. ...</i> 11/10/06	Date
North Central Department Head	Date	North Central Chancellor	Date	Date Approved by Graduate Council	7/12/07
West Lafayette Department Head	Date	West Lafayette College/School Dean	Date	<i>William D. ...</i> 12/12/06	Date
Graduate Council Area Committee Chair	Date	<i>Phillip E. Pope</i> 12/11/06	Date	<i>Sandra ...</i>	Date
		Graduate Dean	Date	West Lafayette Registrar	7/15/07

7/13/07  
AR

RECEIVED  
JUL 25 2007  
16724  
ENGINEERING  
ADMINISTRATION

October 3, 2006

**TO:** The Faculty of the College of Engineering

**FROM:** The Faculty of the School of Electrical and Computer Engineering

**RE:** Deletion of ECE 553

The faculty of the School of Electrical and Computer Engineering has approved the deletion of the following course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

**ECE 553      Ceramic Materials and Electronic Devices**  
Sem. 2. Class 3, cr. 3, (Offered in alternate years.)  
Prerequisite: ECE 311 or equivalent

Development of structure-property relationships for ceramic materials used in a wide variety of electronic devices, and the dependence of device performance on both materials properties and processing methods and behaviors common to all ceramic materials; electrical and magnetic properties as related to device performance; and the materials aspects of hybrid microelectronics.

**Reason:** The contents of this course are subsumed by other course offerings in the School of Electrical and Computer Engineering.

Mark J.T. Smith

Professor and Head

APPROVED FOR THE FACULTY  
OF THE SCHOOLS OF ENGINEERING  
BY THE COMMITTEE ON  
FACULTY RELATIONS

CFR Minutes 5

Date 10-20-06

Chairman CFR Michael J. Touch

