**PURDUE UNIVERSITY**

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

**DEPARTMENT:** ECE  
**EFFECTIVE SESSION:** Fall 2006

**EFD 12-06**

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

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

**PROPOSED:**

<table>
<thead>
<tr>
<th>Subject Abbreviation</th>
<th>Course Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Title</td>
<td>Ceramic Materials in Electronic Devices</td>
</tr>
<tr>
<td>Short Title</td>
<td>Ceram Mat Electric Dev</td>
</tr>
</tbody>
</table>

**EXISTING:**

<table>
<thead>
<tr>
<th>Subject Abbreviation</th>
<th>Course Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE</td>
<td>553</td>
</tr>
</tbody>
</table>

**TERMS OFFERED**

Check All That Apply:

- Summer
- Fall

**CAMPUS(ES) INVOLVED**

- Calumet
- Ft. Wayne
- Indianapolis
- N. Central
- W. Lafayette
- Cont Ed
- Tech Statewide

**CREDIT TYPE**

| 1. Fixed Credit: Cr. Hrs.: |  |
| 2. Variable Credit Range: |  |
| Minimum Cr. Hrs (Check One) To |  |
| 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
4. Maximum repeatable credit:
5. Credit by Examination
6. Designator Required
7. Special Fees
8. Registration Approval Type
9. Variable Title
10. Remedial
11. Honors
12. Full Time Privilege
13. Off Campus Experience

**Instructional Type:**

- Lecture
- Laboratory
- Studio
- Distance
- Clinic
- Experiential
- Research
- Ind. Study
- Pract/Observ

<table>
<thead>
<tr>
<th>Minutes Per Mtg</th>
<th>Meetings Per Week</th>
<th>Weeks Offered</th>
<th>% of Credit Allocated</th>
<th>Delivery Method (Asyn, Or Syn)</th>
<th>Delivery Medium (Audio, Internet, Live, Text-Based, Video)</th>
</tr>
</thead>
</table>

**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
- Undergrad Curriculum Committee Date
- North Central Department Head Date
- North Central Chancellor Date
- West Lafayette Department Head Date
- West Lafayette College/School Dean Date
- Graduate Council Secretary Date
- Graduate Dean Date
- West Lafayette Registrar Date

**OFFICE OF THE REGISTRAR**
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