Office of the Registrar
FORM 40G REV. 1/07

9-07

PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF A GRADUATE COURSE (500-600 LEVEL)

DEPARTMENT ECE EFFECTIVE SESSION 2007 Fall

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

- ☐ 1. New course with supporting documents (complete proposal form)
- ☐ 2. Add existing course offered at another campus
- ☒ 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:		EXISTING:	
Subject Abbreviation		Subject Abbreviation	ECE
Course Number		Course Number	523
Long Title	Physical Ceramics		
Short Title	(Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY))		

TERMS OFFERED (Check All That Apply)
☐ Summer ☐ Fall ☒ Spring

CAMPUS(ES) INVOLVED
☐ Calumet ☐ N. Central
☐ Cont Ed ☐ Tech Statewide
☐ Ft. Wayne ☒ W. Lafayette
☐ Indianapolis

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	☐	7. Registration Approval Type	
2. Satisfactory/Unsatisfactory Only	☐	Department ☐	Instructor ☐
3. Repeatable	☐	8. Variable Title	☐
Maximum Repeatable Credit:	☐	9. Remedial	☐
4. Credit by Examination	☐	10. Honors	☐
5. Designator Required	☐	11. Full Time Privilege	☐
6. Special Fees	☐	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

COURSE DESCRIPTION (INCLUDE REQUISITES):

Calumet Department Head	Date	Calumet School Dean	Date	Calumet Undergrad Curriculm Committee	Date
Fort Wayne Department Head	Date	Fort Wayne School Dean	Date	Fort Wayne Chancellor	Date
				Michael Marsh	3/5/07
Indianapolis Department Head	Date	Indianapolis School Dean	Date	Undergrad Curriculm Committee	Date
North Central Department Head	Date	North Central Chancellor	Date	Date Approved by Graduate Council	
West Lafayette Department Head	Date	West Lafayette College/School Dean	4/26/07 Date	Graduate Council Secretary	Marilyn D. Geist 8/10/07 Date
Graduate Area Committee Convener	Date	Graduate Dean	Philip E. Pope 8/9/07 Date	West Lafayette Registrar	Sandra Shelley 8/10/07 Date

OFFICE OF THE REGISTRAR

8/14/07

Engineering Faculty Document No. 9-07
May 11, 2007

TO: The Faculty of the College of Engineering

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

RE: Deletion of ECE 523

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 523 **Physical Ceramics**
Sem. 2. Class 3, cr. 3. (Offered in alternate years.)
Prerequisite: First Semester Senior Standing or higher; in engineering or science. Authorized equivalent courses or consent of instructor may be used in satisfying course pre- and co-requisites.

Physical and chemical processes responsible for microstructure development in modern ceramic materials, and the relationship between microstructures and physical properties. The material covered is divided into three parts: solid state processes including structural defects, diffusion, sintering and grain growth, reaction rates, nucleation and growth, and microstructure development; mechanical and thermal behavior including deformation, strength, thermal properties and thermal and compositional stresses; and electrical and magnetic behavior including electrical conductivity, dielectric properties and magnetic properties. Cross-listed with MSE 523.

Reason: Course has not been taught for an extended period of time. Course has been deleted from the curriculum.

Mark J. T. Smith, Head
School of Electrical & Computer Engineering

APPROVED FOR THE FACULTY
OF THE SCHOOLS OF ENGINEERING
BY THE ENGINEERING
CURRICULUM COMMITTEE

ECC Minutes #10

Date 12-3-07

Chairman ECC _____