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

DEPARTMENT: ECE

EFFECTIVE SESSION: Spr08

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:

Subject Abbreviation:

Course Number:

Long Title:

Short Title:

TERMS OFFERED:

Check All That Apply:

- Summer
- Fall
- Spring

CAMPUS(ES) INVOLVED:

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

COURSE ATTRIBUTES:

1. Pass/Not Pass Only
2. Satisfactory/ Unsatisfactory Only
3. Repeatable
4. Credit by Examination
5. Designator Required
6. Special Fees
7. Registration Approval Type

Department

Instructional Type

Lecture

Recitation

Presentation

Lab/Prep

Studio

Distance

Clinic

Experiential

Research

Ind. Study

Pract/Observ

% of Credit

Offered

Allocated

(Asyn. Or Syn.)

Delivery Method

Internet, Live, Text-Based, Video

Delivery Medium

Course Description (Include Requisites):

Calumet Department Head

Date

Calumet School Dean

Date

Calumet Undergrad Curriculum Committee

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

Date Approved by Graduate Council

Graduate Council Secretary

Date

Graduate Area Committee Chairman

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 681

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 681**  **Discrete Event Systems**
Sem. 1. Class 3, cr. 3. (Offered in alternate years.)
Prerequisite: ECE 302, ECE 580. Authorized equivalent courses or consent of instructor may be used in satisfying course pre- and corequisites.

Presents models and tools for the design and analysis of discrete event systems, which are dynamic systems that evolve in accordance with the occurrence of events at discrete instants of time. Topics include: deterministic and stochastic models of discrete event systems, supervisory control, simulation, gradient estimation, stochastic optimization methods, and hybrid systems. Application examples in communication/computer networks, real-time computer systems, and manufacturing systems are provided. Topics for further research also are considered.

**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

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

ECC Minutes #10  
Dato 12-3-07  
Chairman ECC  

[Signature]