

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

56-06

DEPARTMENT ECE EFFECTIVE SESSION Spr08

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

<input type="checkbox"/> 1. New course with supporting documents (complete proposal form)	<input type="checkbox"/> 7. Change in course attributes
<input type="checkbox"/> 2. Add existing course offered at another campus	<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: Subject Abbreviation _____ EXISTING: Subject Abbreviation ECE

Course Number _____ Course Number 681

Long Title DISCRETE EVENT SYSTEMS

Short Title DISCRETE EVENT SYSTEMS
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

<input type="checkbox"/> 1. Pass/Not Pass Only	<input type="checkbox"/> 7. Registration Approval Type
<input type="checkbox"/> 2. Satisfactory/Unsatisfactory Only	Department <input type="checkbox"/> Instructor <input type="checkbox"/>
<input type="checkbox"/> 3. Repeatable	8. Variable Title <input type="checkbox"/>
Maximum Repeatable Credit: <input type="checkbox"/>	9. Remedial <input type="checkbox"/>
<input type="checkbox"/> 4. Credit by Examination	10. Honors <input type="checkbox"/>
<input type="checkbox"/> 5. Designator Required	11. Full Time Privilege <input type="checkbox"/>
<input type="checkbox"/> 6. Special Fees	12. Off Campus Experience <input type="checkbox"/>

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 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 _____	<i>Michael Joltouch</i> 2/20/08 Undergrad Curriculum Committee _____ Date _____
North Central Department Head _____ Date _____	North Central Chancellor _____ Date _____	Date Approved by Graduate Council _____
<i>Michael R. ...</i> 2/15/08 West Lafayette Department Head _____ Date _____	West Lafayette College/School Dean _____ Date _____	Graduate Council Secretary _____ Date _____
Graduate Area Committee Convener _____ Date _____	Graduate Dean _____ Date _____	West Lafayette Registrar _____ Date _____

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

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

ECC Minutes #10

Date 12-3-07

Chairman ECC Michael J. Faloutsos