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:

<table>
<thead>
<tr>
<th>Subject Abbreviation</th>
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<th>Course Number</th>
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<tbody>
<tr>
<td></td>
<td>ECE</td>
<td>689</td>
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EXISTING:

<table>
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<tr>
<th>Long Title</th>
<th>Course Number</th>
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<tr>
<td>Introduction to Decision and Control Under Uncertainty</td>
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Short Title: Intr Decis Ctrl Uncert

TERMS OFFERED:

☐ Summer
☐ Fall
☐ Spring

CAMPUS(ES) INVOLVED:

☐ Calumet
☐ Cont Ed
☐ Ft. Wayne
☐ W. Lafayette
☐ Indianapolis

COURSE ATTRIBUTES:

1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
4. Maximum Repeatable Credit:
5. Designator Required
6. Special Fee
7. Registration Approval Type
8. Variable Title
9. Remedial
10. Honors
11. Full Time Privilege
12. Off Campus Experience

COURSE DESCRIPTION (INCLUDE REQUIREMENTS):

Cross-Listed Courses

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: Michael J. Nutter, 2/2/08
Undergrad Curriculum Committee: Date

Indianapolis Department Head: Date
Indianapolis School Dean: Date

North Central Department Head: Date
North Central Chancellor: Date
Date Approved by Graduate Council: Date

West Lafayette Department Head: Date
West Lafayette College/School Dean: Date
Graduate Council Secretary: 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 689

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 689 Introduction to Decision and Control Under Uncertainty
Sem. 1. Class 3, cr. 3. (Offered in alternate years.)
Prerequisite: ECE 589 or ECE 600. Authorized equivalent courses or consent of instructor may be used in satisfying course pre- and corequisites.

This course deals with topics in system identification, stochastic control, stochastic two-dimensional systems, with a variety of applications in real time control and computer vision. Topics covered include: classical identification methods in AR and ARMA models, nonparametric methods, robust estimation methods, Dempster-Shafer and fuzzy logic methods, two-dimensional systems, and self-tuning controller.

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