

**PURDUE UNIVERSITY**  
REQUEST FOR ADDITION, EXPIRATION,  
OR REVISION OF A GRADUATE COURSE  
(50000-60000 LEVEL)

Print Form

EPD 9-11

DEPARTMENT School of Aeronautics & Astronautics EFFECTIVE SESSION Spring 2011

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 \_\_\_\_\_  
Course Number \_\_\_\_\_  
Long Title Digital Flight Control Systems  
Short Title \_\_\_\_\_

EXISTING:

Subject Abbreviation AAE  
Course Number 57400

TERMS OFFERED  
Check All That Apply:

Fall  Spring  Summer

CAMPUS(ES) INVOLVED

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

Abbreviated title will be entered by the Office of the Registrar if omitted. (30 CHARACTERS ONLY)

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   
2. Satisfactory/Unsatisfactory Only   
3. Repeatable   
Maximum Repeatable Credit: \_\_\_\_\_  
4. Credit by Examination   
5. Special Fees   
6. Registration Approval Type  
Department  Instructor   
7. Variable Title   
8. Honors   
9. Full Time Privilege   
10. Off Campus Experience

Schedule Type	Minutes Per Mta	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture				
Recitation				
Presentation				
Laboratory				
Lab Prep				
Studio				
Distance				
Clinic				
Experiential				
Research				
Ind. Study				
Pract/Observ				

Cross-Listed Courses

RECEIVED  
 2011 JAN 26 AM 10:05  
 OFFICE OF THE REGISTRAR

COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

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>X R. Cipa</i> 11/30/2010 Undergrad Curriculum Committee _____ Date _____
North Central Department Head _____ Date _____	North Central School Dean _____ Date _____	Date Approved by Graduate Council _____
West Lafayette Department Head _____ Date _____	West Lafayette College/School Dean _____ Date _____	<i>Ma L. Paine</i> 1/25/11 Graduate Council Secretary _____ Date _____
Area Committee Convener _____ Date _____	Graduate Dean <i>Phillip E. Pope</i> 1/24/11 _____ Date _____	<i>Janet Schaefer</i> 1/23/11 West Lafayette Registrar _____ Date _____

OFFICE OF THE REGISTRAR



PURDUE UNIVERSITY

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Office of the Registrar  
FORM 40G REV. 10/10

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EXISTING:

TERMS OFFERED

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Subject Abbreviation \_\_\_\_\_

Subject Abbreviation AAE

Fall  Spring  Summer

Course Number \_\_\_\_\_

Course Number 57400

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Long Title \_\_\_\_\_

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 Cont Ed  Tech Statewide  
 Ft. Wayne  W. Lafayette  
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Short Title \_\_\_\_\_

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Lab Prep				
Studio				
Distance				
Clinic				
Experiential				
Research				
Ind. Study				
Pract/Observ				

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Indianapolis Department Head _____ Date _____	Indianapolis School Dean _____ Date _____	<i>R. Cipra</i> 11/30/2010 Undergrad Curriculum Committee _____ Date _____
North Central Department Head _____ Date _____	North Central School Dean _____ Date _____	Date Approved by Graduate Council _____
<i>Alle</i> 11/15/10 West Lafayette Department Head _____ Date _____	<i>Michael T. Harris</i> 11/29/10 West Lafayette College/School Dean _____ Date _____	Graduate Council Secretary _____ Date _____
Graduate Area Committee Convener _____ 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 Aeronautics and Astronautics  
**RE:** Deletion of AAE 57400

The faculty of the School of Aeronautics and Astronautics has approved the deletion of the following course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

**AAE 57400 Digital Flight Control Systems**  
Sem. 2, Class 3, Cr. 3.  
Prerequisite: AAE 46400 and AA 56400 or equivalents.

Techniques for the analysis and synthesis of digital flight control systems using both modern and classical approaches. Control of continuous time systems with discrete time controllers. The Z-transform. Analog-to-digital and digital-to-analog converters. Effect of digital controllers on aircraft handling qualities.

**Reason:**

The course has not been taught for an extended period of time and content is included in currently offered courses. Course has been deleted from the curriculum.



Tom I-P. Shih, Professor and Head  
School of Aeronautics & Astronautics

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

ECC Minutes #4  
Date 10/19/10  
Chairman ECC R. Cipro

