

PURDUE UNIVERSITY

Print Form

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

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

EFD 12-11

DEPARTMENT School of Aeronautics & Astronautics EFFECTIVE SESSION Fall 2011

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:

TERMS OFFERED

Check All That Apply:

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

Course Number \_\_\_\_\_ Course Number 65200 \_\_\_\_\_

Long Title Theory of Plates and Shells

Short Title \_\_\_\_\_

- Fall  Spring  Summer
- CAMPUS(ES) INVOLVED
- Calumet
  - Cont Ed
  - Ft. Wayne
  - Indianapolis
  - N. Central
  - Tech Statewide
  - W. Lafayette

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

CREDIT TYPE

COURSE ATTRIBUTES: Check All That Apply

1. Fixed Credit: Cr. Hrs. \_\_\_\_\_
2. Variable Credit Range: Minimum Cr. Hrs. \_\_\_\_\_ To \_\_\_\_\_ Or \_\_\_\_\_ Maximum Cr. Hrs. \_\_\_\_\_
3. Equivalent Credit: Yes  No
4. Thesis Credit: Yes  No
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 Mtn	Meetings Per Week	Weeks Offered	% of Credit Allocated
lecture				
seminar				
presentation				
Laboratory				
Lab Prep				
Studio				
Distance				
Clinic				
Experiential				
Research				
Ind. Study				
Pract/Observ				

Cross-Listed Courses

2011 JAN 26 AM 10:06  
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>R. Cipe</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>Anna R. Payne</i> 1/25/11 Graduate Council Secretary _____ Date _____
Graduate Area Committee Convener _____ Date _____	Graduate Dean _____ Date _____	<i>Shirley E. Pope</i> 1/24/11 West Lafayette Registrar _____ Date _____

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(50000-60000 LEVEL)

*EFD 12-11*

DEPARTMENT School of Aeronautics & Astronautics

EFFECTIVE SESSION Fall 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:

EXISTING:

TERMS OFFERED

Check All That Apply:

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

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

Fall  Spring  Summer

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

Course Number 65200

CAMPUS(ES) INVOLVED

- |                                       |  |
|---------------------------------------|--|
| <input type="checkbox"/> Calumet      | <input type="checkbox"/> N. Central              |
| <input type="checkbox"/> Cont Ed      | <input type="checkbox"/> Tech Statewide          |
| <input type="checkbox"/> Ft. Wayne    | <input checked="" type="checkbox"/> W. Lafayette |
| <input type="checkbox"/> Indianapolis |  |

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

Short Title \_\_\_\_\_

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

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

Schedule Type	Minutes Per Mto	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

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>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>Shel</i> 11/5/10 West Lafayette Department Head _____ Date _____	<i>John ...</i> 11/29/2010 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 65200

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 65200 Theory of Plates and Shells**  
Sem. 1, Class 3, Cr. 3

Formulation of boundary value problem for arbitrary configurations; bending and buckling under arbitrary loads; Green and Dirac delta functions; application of operational and variational calculus; vibrations; large deflection theory; thick shell theory; prismatic shells; dynamic instability; statistical properties of response to random vibrations; bending and buckling under random loads with random initial displacements.

**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. Cigna

