

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 8-11

DEPARTMENT School of Aeronautics & Astronautics

EFFECTIVE SESSION Spring 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:

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

Course Number \_\_\_\_\_ Course Number 55700 \_\_\_\_\_

Long Title Inelastic Behavior of Materials and Structures

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

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

TERMS OFFERED

Check All That Apply:

Fall  Spring  Summer

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

- 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 Mtu	Meetings Per Week	Weeks Offered	% of Credit Allocated
Lecture	_____	_____	_____	_____
Citation	_____	_____	_____	_____
Presentation	_____	_____	_____	_____
Laboratory	_____	_____	_____	_____
Lab Prep	_____	_____	_____	_____
Studio	_____	_____	_____	_____
Distance	_____	_____	_____	_____
Clinic	_____	_____	_____	_____
Experiential	_____	_____	_____	_____
Research	_____	_____	_____	_____
Ind. Study	_____	_____	_____	_____
Pract/Observ	_____	_____	_____	_____

Cross-Listed Courses

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

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>AFR</i> 11/15/10 West Lafayette Department Head _____ Date _____	<i>Michael J. Herin</i> 11/29/2010 West Lafayette College/School Dean _____ Date _____	<i>Anna L. Payne</i> 1/25/11 Graduate Council Secretary _____ Date _____
Graduate Area Committee Convener _____ Date _____	<i>Phillip S. Pope</i> 1/24/11 Graduate Dean _____ Date _____	<i>Wendy Schaffer</i> 1/27/11 West Lafayette Registrar _____ Date _____



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*EFD 8-11*

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EFFECTIVE SESSION Spring 2011

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- |                                     |  |                          |   |
|-------------------------------------|--|--------------------------|---|
| <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 |

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 Course Number \_\_\_\_\_ Course Number 55700  
 Long Title \_\_\_\_\_  
 Short Title \_\_\_\_\_

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

Cross-Listed Courses

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<i>ALL</i> 11/15/10 West Lafayette Department Head _____ Date _____	<i>Michael G. Kevin</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 55700


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 55700 Inelastic Behavior of Materials and Structures**  
Sem. 2, Class 3, Cr. 3.  
Prerequisite: consent of instructor

Yield criterion; stress-strain relations of plasticity; limit analysis and applications to structures; plane strain, slipline fields, applications to metal forming processes; plane stress, field of characteristics; viscoelastic models, their interrelation and associated constitutive equations; applications to boundary value problems.

**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. Cipra

