

6-11

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)

EFF 6-11

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 51300 _____
 Long Title Transonic Aerodynamics
 Short Title _____

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 Mtu	Meetings Per Week	Weeks Offered	% of Credit Allocated
lecture	_____	_____	_____	_____
simulation	_____	_____	_____	_____
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>R. Cipro</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>Mark Kasper</i> 1/25/11 Graduate Council Secretary _____ Date _____
<i>Feb</i> 11/15/10 Graduate Area Committee Convener _____ Date _____	<i>Phillip E. Pope</i> 1/24/11 Graduate Dean _____ Date _____	<i>Sandra Hoff</i> 1/27/11 West Lafayette Registrar _____ Date _____

OFFICE OF THE REGISTRAR

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EXISTING:

TERMS OFFERED

Check All That Apply:

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Fall Spring Summer

Course Number _____ Course Number 51300

CAMPUS(ES) INVOLVED

Long Title _____

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 Cont Ed Tech Statewide
 Ft. Wayne W. Lafayette
 Indianapolis

Short Title _____

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COURSE ATTRIBUTES: Check All That Apply

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- 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
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Presentation	_____	_____	_____	_____
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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. Cipe</i> Undergrad Curriculum Committee _____ Date <i>11/30/2010</i>
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 _____	Graduate Council Secretary _____ Date _____
<i>AKH</i> Graduate Area Committee Convener _____ Date <i>11/15/10</i>	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 51300

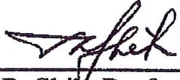
The faculty of the School of Aeronautics and Astronautics has approved the deletion of the following courses. This action is now submitted to the Engineering Faculty with a recommendation for approval.

AAE 51300 Transonic Aerodynamics
Sem. 2, Class 3, Cr. 3.
Prerequisite: AAE 41400 or consent of instructor.

Characteristics of transonic flight. Supercritical airfoils. Nonlinear small disturbance theory. Similarity and area rules. Solution methods for small disturbance, full potential and Euler equations. Artificial viscosity. Relaxation and factorization schemes.

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. Shim, 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

