

DEPARTMENT Aeronautics & Astronautics

DATE SUBMITTED 01/26/05

DATE EFFECTIVE Spr 2006

INSTRUCTIONS: Please check the items below which describe the purpose of this request.

PURPOSE

- | | | | |
|-------------------------------------|--|--------------------------|--|
| <input type="checkbox"/> | 1. Deletion of a course | <input type="checkbox"/> | 8. Change in semesters offered |
| <input checked="" type="checkbox"/> | 2. New course with supporting documents | <input type="checkbox"/> | 9. Change in course credit/type |
| <input type="checkbox"/> | 3. Add existing course offered at another campus | <input type="checkbox"/> | 10. Change in course attributes |
| <input type="checkbox"/> | 4. Change in course number at same level | <input type="checkbox"/> | 11. Change in instructional hours |
| <input type="checkbox"/> | 5. Downgrading of course level | <input type="checkbox"/> | 12. Change in prerequisites |
| <input type="checkbox"/> | 6. Upgrading of course level | <input type="checkbox"/> | 13. Change in description of course content |
| <input type="checkbox"/> | 7. Change in course title | <input type="checkbox"/> | 14. Transfer of course from one dept. to another |

EXISTING:

PROPOSED:

SEMESTERS OFFERED

Subject Abbreviation
Course Number

Subject Abbreviation AAE
Course Number 535

Check All That Apply.

Summer Fall Ag Winter Spring

Proposed Title Propulsion Design, Build, Test

Variable Title Yes No

Abbreviated Title Propulsion DBT

Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)

CROSS LISTED COURSES

CREDIT TYPE

1. Fixed Credit: Cr. Hrs. 3
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. Repeatable for Credit
3. Available for Credit by Examination
4. Designator Required
5. Special Fees
6. Approval Required for Enrollment
- Department _____
Instructor _____

Instructional Type	Class Hours	FTE
Primary	2	
Secondary		
Laboratory	2	
Lab. Prep.		

Instructional Type	Class Hours	FTE
Auto-tutorial		
Ind. Study		
Clinic		
Experiential		

Instructional Type	Class Hours	FTE
Thesis		
Observation		
Mats Based		

CAMPUS(ES) INVOLVED

Calumet

Fort Wayne

Indianapolis

North Central

West Lafayette

Off Campus

COURSE DESCRIPTION (PREREQUISITES INCLUDED):

AAE 535 Propulsion Design, Build, Test Sem. 2, class 2, lab.2, cr. 3; Prerequisite: AAE 439 or consent of instructor

Intensive one-semester treatment of the aerospace propulsion component development process. Derivation of design requirements from mission objective to detailed components; the design process. Standard methods for thermostructural, life, performance, and combustion stability design analysis; combustor design. Experimental procedures; fabrication; test. Special topics according to student interest. Professor Anderson.

Calumet Undergrad Curriculum Committee _____ Date _____	Calumet Department Head _____ Date _____	Calumet School Dean _____ Date _____
Fort Wayne Department Head _____ Date _____	Fort Wayne School Dean _____ Date _____	Fort Wayne Chancellor _____ Date _____
Indianapolis Department Head _____ Date _____	Indianapolis School Dean _____ Date _____	Undergrad Curriculum Committee <u>Robert Chernomay</u> <u>3/3/05</u> Date _____
North Central Department Head _____ Date _____	North Central Vice Chancellor _____ Date _____	APPROVED <u>4/21/05</u> Date Approved by Graduate Council
West Lafayette Department Head <u>John A. ...</u> <u>1/27/05</u> Date _____	West Lafayette School Dean <u>Wah H. ...</u> <u>3/2/05</u> Date _____	Graduate Council Secretary <u>Marilyn D. ...</u> <u>5/20/05</u> Date _____
Graduate Area Committee Convener <u>Andrea ...</u> <u>4/21/05</u> Date _____	Graduate Dean _____ Date _____	West Lafayette Registrar <u>Debra K. Sheets</u> Date _____

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