

AAE 43900

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APR 24 2013

Engineering Faculty Document No. 33-13
January 17, 2013
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OFFICE OF THE REGISTRAR

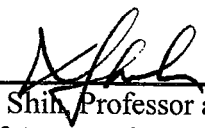
TO: The Faculty of the College of Engineering
FROM: The School of Aeronautics and Astronautics
RE: Change to Existing Course AAE 43900 Rocket Propulsion prerequisites

The faculty of the School of Aeronautics and Astronautics has approved the following changes to AAE 43900. This action is now submitted to the Engineering Faculty with a recommendation for approval.

From: AAE 43900 Rocket Propulsion
Sem. Fall, Spring; Cr 3; Lecture 3
Pre-requisites: AAE 33400 Minimum Grade of D- (may be taken concurrently)

To: AAE 43900 Rocket Propulsion
Sem. Fall, Spring; Cr 3; Lecture 3
Pre-requisites: AAE 33400 Minimum Grade of D- (may be taken concurrently) and ME 20000 Minimum Grade of D-, AAE 30000 Minimum Grade of S

Reason: The new pre-requisites more accurately reflect the expectations coming into the course.

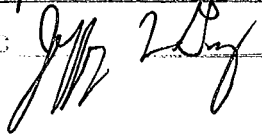


Tom I-P. Shih, Professor and Head
School of Aeronautics and Astronautics

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

ECC Minutes #12

Date 4/19/2013

Chairman ECC 

PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF AN UNDERGRADUATE COURSE
(10000-40000 LEVEL)

Print Form

DEPARTMENT School of Aeronautics and Astronautics

EFFECTIVE SESSION Spring 2014

(201420)

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

- | | |
|---|---|
| <input type="checkbox"/> 1. New course with supporting documents | <input type="checkbox"/> 7. Change in course attributes (department head signature only) |
| <input type="checkbox"/> 2. Add existing course offered at another campus | <input type="checkbox"/> 8. Change in instructional hours |
| <input type="checkbox"/> 3. Expiration of a course | <input type="checkbox"/> 9. Change in course description |
| <input type="checkbox"/> 4. Change in course number | <input checked="" type="checkbox"/> 10. Change in course requisites |
| <input type="checkbox"/> 5. Change in course title | <input type="checkbox"/> 11. Change in semesters offered (department head signature only) |
| <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 AAE

Subject Abbreviation _____

Summer Fall Spring

Course Number 43900

Course Number _____

CAMPUS(ES) INVOLVED

Long Title Rocket Propulsion

Long Title _____

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

Short Title _____

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: to
- (Check One) To Or
- Maximum Cr. Hrs.
3. Equivalent 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 Mtg | Meetings Per Week | Weeks Offered | % of Credit Allocated |
|---------------|-----------------|-------------------|---------------|-----------------------|
| Lecture | 50 | 3 | 16 | 100 |
| Recitation | | | | |
| Presentation | | | | |
| Laboratory | | | | |
| Lab Prep | | | | |
| Studio | | | | |
| Distance | | | | |
| Clinic | | | | |
| Experiential | | | | |
| Research | | | | |
| Ind. Study | | | | |
| Pract/Observ | | | | |

Cross-Listed Courses

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COURSE DESCRIPTION (INCLUDE REQUISITES/RESTRICTIONS):

Pre-requisites: AAE 33400 Minimum Grade of D- (may be taken concurrently) and ME 20000 Minimum Grade of D-, AAE 30000 Minimum Grade of S
 Flight mechanics and the propulsion system requirements for terrestrial and interplanetary flight. Basic principles and performance of solid and liquid chemical rocket propulsion systems. Elements of nuclear rockets, nuclear-electrical power systems, and electrical propulsion systems.

***COURSE LEARNING OUTCOMES:**

| | |
|---|---|
| Calumet Department Head _____ Date _____ | Calumet School Dean _____ Date _____ |
| Fort Wayne Department Head _____ Date _____ | Fort Wayne School Dean _____ Date _____ |
| Indianapolis Department Head _____ Date _____ | Indianapolis School Dean _____ Date _____ |
| North Central Department Head _____ Date _____ | North Central Chancellor _____ Date _____ |
| West Lafayette Department Head _____ Date _____ | West Lafayette College/School Dean _____ Date _____ |

Sandra Ball 6/3/13
 West Lafayette Registrar _____ Date _____

33-13
 UD 5/31/13