Prefix & Number: AVMF 4400  
Initial Term: FALL 2009

Select One:
New ___X___ Delete _______  
Course Modification ______

Type of modification:  
_____ Title  
_____ Description  
_____ Prerequisites  
_____ Grade Type  
Number: _______ Old  
____X____ New

Title: Applied Aerodynamics and Propulsion Systems

College/School: Business  
Dept: AVSC

Abbreviated Title: Applied Aero and Propulsion  
(32 spaces total)

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<th>CREDIT OFFERED</th>
<th>CONTROLS</th>
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</table>
| **Levels:** (select all that apply)  
_____ None (Blank)  
____X____ Undergraduate (U)  
_____ Graduate (G)  
_____ Professional (P)  

Maximum: 3  
Minimum: 3 |
| **Connector:** (select one)  
__X__ Fixed (F)  
_____ Variable (V)  
_____ Alternate (A)  
_____ To be Arranged (T)  

Maximum Repeat: 3  
(Total number of credit hours; not total number of times) |
| **Session Duplicate:**  
yes ___  no __X__ |

**Grading Rule:**  
__X__ Undergraduate (U)  
_____ Graduate (G)  

**Grading Type:** (select one)  
__X__ Normal grading (Blank)  
_____ Pass/Fail only (SU)  
_____ Thesis/Dissertation (TD)  

**Term Offered:** (select one)  
__X__ Not Specified (Blank)  
_____ Fall Only (F)  
_____ Spring Only (S)  
_____ Summer Only (M)  
_____ Fall, Spring (FS)  
_____ Intersession (I)
Prerequisites
____Junior Standing or departmental approval and PHSY 1500.
________________________________________________________________

Corequisites
________None_________________________________________
________________________________________________________________

Description for Bulletin
___The principles of aerodynamics and propulsion and how aerodynamic factors affecting lift, thrust, drag, in-air performance, stability and flight control. The aircraft design process is covered from concept to test flight.

Credit will not be given for both ____________ and ______________

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<th>Hours</th>
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<th>Credit</th>
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Justification (Indicate reason for change)
_This is a new course that was created to combine to previous courses that are now being deleted. Aerodynamics and Propulsion Systems are interrelated, preventing the need for two separate courses to be taught. The material can be taught more effectively when combined into one, integrated curriculum. The prerequisite change is necessary since the requirements of the option are being modified._

Additional resources or resource shifting required. If none, please explain.
___None, this one course replaces both AVMF 3100 and AVMF 3330 (Aerodynamics and Propulsion Systems).

Contact Person
____Joe B. Hanna_____________________________________________________
Email _____Hannajb@auburn.edu______________________________________ Phone # _844-4908___________

Revised 2/8/05
Approvals

Undergraduate Requests

____________________________ Head ______________________ Date
Department
____________________________ Chair ______________________ Date
College/School Curriculum Committee
____________________________ Dean ______________________ Date
College or School
____________________________ Chair ______________________ Date
University Curriculum Committee

Graduate Requests

____________________________ Head ______________________ Date
Department
____________________________ Chair ______________________ Date
College/School Curriculum Committee
____________________________ Dean ______________________ Date
College or School
____________________________ Chair ______________________ Date
Graduate Council
____________________________ Chair ______________________ Date
University Curriculum Committee