Office of the Registrar FORM 40 REV. 2/99

PURDUE UNIVERSITY REQUEST FOR ADDITION, DELETION, OR REVISION OF A COURSE

SCHOOL DOCUMENT NO. 33-03

GRADUATE COUNCIL DOCUMENT NO.04-30a

DEPARTMENT Aeronautics & Astronautics

DEPARTMENT Aeronautics & Astro	nautics	DATE S	SUBMITTED 04	/30/04 DATE EFFECTIV	2005 _{VE} Fall 2004
INSTRUCTIONS: Please check the items	below which describe the	purpose of this request.			
		PURPOSE			
1. Deletion of a course 2. New course with support of the course of the	A Market Visit of the Control of the	9. Change 10. Change 11. Change 12. Change 13. Change	0		
EXISTING:	PROPO	OSED:		SEMESTERS (OFFERED
Subject Abbreviation Course Number Proposed Title Laminar-Turbulent T Variable Title Yes No	Course ransition	Abbreviation AAE Number 624		Check All That Apply. Summer Fall	Ag Winter Spring
Abbreviated Title LamTurb. Transit	ion	entitione our Marketoniconess was classess, we	hit without the area of the endowing a single happy.	other bounds	
Abbreviated title will be entered by	the Office of the Registrar	r if omitted. (22 CHARAC	TERS ONLY)		
CROSS LISTED COURSES	CREDIT TYPE 1. Fixed Credit: 2. Variable Credit Rai Minimum Cr. (Check One) Maximum Cr. 3. Equivalent Credit: 4. Thesis Credit:	Hrs To Or . Hrs.	1. Pas 2. Rep 3. Ava	E ATTRIBUTES: Check All That A ss/Not Pass Only peatable for Credit allable for Credit by Examination signator Required pecial Fees proval Required for Enrollment Department Instructor	The second of th
Type Hours Ty Primary 3 Au Secondary Inc Laboratory Cli	structional Class pe Hours Ito-tutorial I. Study nic periential		<u>Class</u> <u>Hours</u>	FTE CAMPUS(E Calumet Fort Wayne Indianapolis North Centr- West Lafaye Off Campus	al ette
COURSE DESCRIPTION (PREREQUISIT	(ES INCLUDED):				
AAE 624 Laminar-Turbulent Transition Solution Instability mechanisms, such as Kelvin-He Parabolized Stability Equations; receptivity spots and the extent of transitional flow. Professor Schneider.	elmholtz, Tollmien-Schlich ; transition prediction. Eff	nting, Görtler, and crossflifects of compressibility, h	ow Secondary in	ıstabilities. Nonlinear and nonp s, turbulence, noise, curvature,	parallel effects; the etc. Turbulent
Calumet Undergrad Curriculum Committee	Date Calumet Depart	tment Head	Date	Calumet School Dean	Date
Fort Wayne Department Head	Date Fort Wayne Scl	Fort Wayne School Dean		Fort Wayne Chancellor Date Standard St	
Indianapolis Department Head	Date Indianapolis Sc	:hool Dean	Date	Undergrad Curriculum Committee APPROVED 10/21/04	Date
North Central Department Head	Date North Central V	/ice Chancellor	Date	Date Approved by Graduate Council	
Jlem 12 4	130/04 lead H	Jani -	5/10/04	Marilyn D. He	ist 12/9/04
rest Lafayette Department Head Andrew Hou	Date West Lafayette	School Dean	⁷ Date	Graduate Council Secretary (C) As A M ATA	- 12/16/AU
Graduate Area Committee Convener	Date Graduate Dean		Date	West Lafayette Registrar	Tests