U

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

SCHOOL DOCUMENT NO. 97-00

GRADUATE COUNCIL DOCUMENT NO. __01-6b__

			GIVADOATE	CONOIL DOCOMENT NO	
PEPARTMENT School of Nuclear Er	gineering	DATE SUBMI	TTED 12/06/0	Spring 20 O DATE EFFECTIVE 01-01-2001	
INSTRUCTIONS: Please check the items	pelow which describe the pu				
1. Deletion of a course New course with suppor 3. Add existing course offe Change in course numb Downgrading of course Upgrading of course lev Change in course title	red at another campus er at same level level	PURPOSE 8. 9. 10. 11. 12. 13. 14.	Change in prerequi	credit/type attributes onal hours	
EXISTING:	PROPOSE	<u>D:</u>		SEMESTERS OFFERED	
Subject Abbreviation Course Number Proposed Title Reactor Theory and h	Course Nur	breviation NUCL mber 511		Check All That Apply. Summer Fall Ag Winter Spring	
Variable Title Yes No Abbreviated Title Reactor T	Tury & Kinet		NLY)	,	
CROSS LISTED COURSES	CREDIT TYPE 1. Fixed Credit: 2. Variable Credit Range Minimum Cr. Hrs (Check One) To Maximum Cr. Hr 3. Equivalent Credit: 4. Thesis Credit:	Or	 Pass/Not Pass Repeatable for One Available for One Designator Resident Special Fees 	r Credit Credit by Examination	
Type Hours Type Primary 3 Aut Secondary Ind. Laboratory Clin	o-tutorial Study		Class FTE Hours **Grand Control Control **Grand Control	CAMPUS(ES) INVOLVED Calumet Fort Wayne Indianapolis North Central West Lafayette Off Campus	
COURSE DESCRIPTION (PREREQUISITE Sem.2. Class 3, cr. 3. Prerequisite: NUCL 5 Advanced methodologies for neutron flux car generation of group constants. Reactor kine Doppler effect, temperature and density charapproximate methods: prompt jump approximate Crofessor Downar.	0. Iculation, nodal methods, int tics, perturbation theory, ad nges, void coefficient, energ	joint fluxes, reactivity calcul ly and power coefficients. A Insients with feedback, safe	ation from perturbation Aicrokinetics, theory o	n theory, reactivity coefficients due to freactivity measurements,	
Calumet Undergrad Curriculum Committee	Date Calumet Departme	nt Head	Date Calumet Sc	hool Dean Date	
t Wayne Department Head Date Fort Wayne School Dean		l Dean	Appr.for	Fort Wayne Chancellor Date Appr.for Faculty 2/14/01	
Indianapolis Department Head	Date Indianapolis School	l Dean	Date Undergrad	Curriculum Committee Date VED 4/19/01	
North Central Department Head West Lafayette Department Head	Date North Central Vice ZS-OI West Lafayette Sci	Jugging 368	Del Mari	ved by Graduate Council Secretary Pater 15/8/01	
Kayhlein C. Howell 4 Graduate Area Committee Convener	1901		Date West Lafav	a Sheets 5/14/0/	