Office of the Registrar FORM 40 REV. 2/99

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

			05 .
SCHOOL	DOCUMENT	NO.	75-00

GRADUATE COUNCIL DOCUMENT NO.

DEPARTMENT School of Nuclear Engineering

DATE SUBMITTED /2/06/00 DATE EFFECTIVE 01/01/2001

INSTRUCTIONS: Please check the items below which describe the purpose of this request.							
PURPOSE							
3. Add existing course offer Change in course numbe 5. Downgrading of course le	2. New course with supporting documents 9. Chan 3. Add existing course offered at another campus 10. Chan 4. Change in course number at same level 11. Chan 5. Downgrading of course level 12. Chan 6. Upgrading of course level 13. Chan			ge in semesters offered ge in course credit/type ge in course attributes ge in instructional hours ge in prerequisites ge in description of course content sfer of course from one dept. to another			
EXISTING:	PROPOSED:		SEMESTERS OFF	ERED			
Subject Abbreviation Course Number Proposed Title	Subject Abbreviation Course Number		Check All That Apply. Summer Fall Ag W	linter Spring			
Variable Title Yes No							
Abbreviated TitleAbbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)							
	CREDIT TYPE 1. Fixed Credit: Cr. Hrs. 2. Variable Credit Range:	1. Pass, 2. Repe 3. Avail 4. Desig 5. Spec No 6. Appro	ATTRIBUTES: Check All That Apply /Not Pass Only attable for Credit able for Credit by Examination gnator Required ial Fees oval Required for Enrollment Department Instructor				
Type Hours Type Primary 3 Auto- Secondary Ind. S Laboratory Clinic	Hours Tyl tutorial The		TE CAMPUS(ES) I Calumet Fort Wayne Indianapolis North Central West Lafayette Off Campus	NVOLVED			
COURSE DESCRIPTION (PREREQUISITES INCLUDED): Sem. 1. Class 3, cr. 3. Prerequisite: NUCL 501 or equivalent. Methodologies of neutron flux calculations, diffusion and slowing down theory, flux seperation, material buckling, resonance absorption, Doppler effect, 2-group and multi-group theories, reactivity balances for design and operation. Introduction to reactor kinetics, delayed neutrons, point reactor kinetics, transient behavior, load changes, reactivity feedback, safety implications.							
Calumet Undergrad Curriculum Committee	Date Calumet Department Head	Date C	alumet School Dean	Date			
Fort Wayne Department Head	Date Fort Wayne School Dean	Арј	ort Wayne Chancellor pr.for Faculty D.Sutton, Chair	Date #944 2/14/01			
Indianapolis Department Head	Date Indianapolis School Dean	Date U.	ndergrad Curriculum Committee	Date			
CS Hommest 22	Date North Central Vice Chancellor West Lafayette School Dead	Date Date Date	ate Approved by Graduate Council Marilyn A Heis raduate Council Secretary	16/27/01 Date			
Graduate Area Committee Convener	Date Graduate Dean	Date W	/est Lafayette Registrar	0 24 0 Date			