

DEPARTMENT Nuclear Engineering

DATE SUBMITTED 12/06/2000

DATE EFFECTIVE 01/01/2001

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

PURPOSE

- | | |
|---|---|
| <input type="checkbox"/> 1. Deletion of a course | <input type="checkbox"/> 8. Change in semesters offered |
| <input type="checkbox"/> 2. New course with supporting documents | <input type="checkbox"/> 9. Change in course credit/type |
| <input type="checkbox"/> 3. Add existing course offered at another campus | <input type="checkbox"/> 10. Change in course attributes |
| <input type="checkbox"/> 4. Change in course number at same level | <input type="checkbox"/> 11. Change in instructional hours |
| <input type="checkbox"/> 5. Downgrading of course level | <input checked="" type="checkbox"/> 12. Change in prerequisites |
| <input type="checkbox"/> 6. Upgrading of course level | <input type="checkbox"/> 13. Change in description of course content |
| <input type="checkbox"/> 7. Change in course title | <input type="checkbox"/> 14. Transfer of course from one dept. to another |

EXISTING:

PROPOSED:

SEMESTERS OFFERED

Subject Abbreviation NUCL Subject Abbreviation _____
 Course Number 520 Course Number _____

Check All That Apply.

Summer Fall Ag Winter Spring

Proposed Title _____
 Variable Title Yes No

Abbreviated Title _____
 Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)

CROSS LISTED COURSES

CREDIT TYPE

COURSE ATTRIBUTES: Check All That Apply.

_____	1. Fixed Credit: Cr. Hrs. <u>3</u>	1. Pass/Not Pass Only <input type="checkbox"/>
_____	2. Variable Credit Range: Minimum Cr. Hrs. _____ (Check One) To <input type="checkbox"/> Or <input type="checkbox"/> Maximum Cr. Hrs. _____	2. Repeatable for Credit <input type="checkbox"/>
_____	3. Equivalent Credit: Yes <input type="checkbox"/> No <input type="checkbox"/>	3. Available for Credit by Examination <input type="checkbox"/>
_____	4. Thesis Credit: Yes <input type="checkbox"/> No <input type="checkbox"/>	4. Designator Required <input type="checkbox"/>
		5. Special Fees <input type="checkbox"/>
		6. Approval Required for Enrollment <input type="checkbox"/>
		Department <input type="checkbox"/>
		Instructor <input type="checkbox"/>

Instructional Type	Class Hours	FTE	Instructional Type	Class Hours	FTE	Instructional Type	Class Hours	FTE	CAMPUS(ES) INVOLVED
Primary	<u>3</u>	_____	Auto-tutorial	_____	_____	Thesis	_____	_____	Calumet <input type="checkbox"/>
Secondary	_____	_____	Ind. Study	_____	_____	Observation	_____	_____	Fort Wayne <input type="checkbox"/>
Laboratory	_____	_____	Clinic	_____	_____	Matis Based	_____	_____	Indianapolis <input type="checkbox"/>
Lab. Prep.	_____	_____	Experiential	_____	_____				North Central <input type="checkbox"/>
									West Lafayette <input checked="" type="checkbox"/>
									Off Campus <input type="checkbox"/>

COURSE DESCRIPTION (PREREQUISITES INCLUDED):

Sem. 2, Class 3, cr. 3
 Prerequisite: NUCL 501 or equivalent
 Introduction to radiation effects in solids and a survey of nuclear reactor materials. Radiation interaction mechanisms and effects on properties. Reactor material characteristics, selection criteria, testing, and economic considerations.

Calumet Undergrad Curriculum Committee _____ Date _____	Calumet Department Head _____ Date _____	Calumet School Dean _____ Date _____
Fort Wayne Department Head _____ Date _____	Fort Wayne School Dean _____ Date _____	Fort Wayne Chancellor <u>C.D. Sutton</u> #944 Appr. for Faculty <u>C.D. Sutton, Chair</u> 2/14/01
Indianapolis Department Head _____ Date _____	Indianapolis School Dean _____ Date _____	Undergrad Curriculum Committee _____ Date _____
North Central Department Head _____ Date _____	North Central Vice Chancellor _____ Date _____	Date Approved by Graduate Council _____
West Lafayette Department Head _____ Date _____	West Lafayette School Dean _____ Date _____	Graduate Council Secretary <u>Maureen D. Smith</u> 4/6/01
Graduate Area Committee Convener _____ Date _____	Graduate Dean <u>Philip C. Pope</u> 3/21/01	West Lafayette Registrar <u>Deb Sheets</u> 4/17/01