

DEPARTMENT Materials Engineering

DATE SUBMITTED 3/28/03

DATE EFFECTIVE Fall 2003

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

PURPOSE

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

EXISTING:

PROPOSED:

SEMESTERS OFFERED

Subject Abbreviation \_\_\_\_\_ Subject Abbreviation MSE  
Course Number \_\_\_\_\_ Course Number 548

Check All That Apply.  
Summer  Fall  Ag Winter  Spring

Proposed Title Deposition Processing of Thin Films and Coatings

Variable Title Yes  No

Abbreviated Title Deposition Films/Coat

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

CROSS LISTED COURSES

CREDIT TYPE

1. Fixed Credit: Cr. Hrs. 3  
2. Variable Credit Range:  
Minimum Cr. Hrs \_\_\_\_\_  
(Check One) To  Or   
Maximum Cr. Hrs. \_\_\_\_\_  
3. Equivalent Credit: Yes  No   
4. Thesis Credit: Yes  No

COURSE ATTRIBUTES: Check All That Apply.

1. Pass/Not Pass Only   
2. Repeatable for Credit   
3. Available for Credit by Examination   
4. Designator Required   
5. Special Fees   
6. Approval Required for Enrollment  
Department \_\_\_\_\_  
Instructor \_\_\_\_\_

Instructional Type	Class Hours	FTE	Instructional Type	Class Hours	FTE	Instructional Type	Class Hours	FTE
Primary	3		Auto-tutorial			Thesis		
Secondary			Ind. Study			Observation		
Laboratory			Clinic			Matts Based		
Lab. Prep.			Experiential					

CAMPUS(ES) INVOLVED

- Calumet   
Fort Wayne   
Indianapolis   
North Central   
West Lafayette   
Off Campus

COURSE DESCRIPTION (PREREQUISITES INCLUDED):

Sem. 1. Class 3, cr. 3. (Offered in ~~Alternate~~ <sup>Years</sup>) Prerequisite: senior or graduate standing.

Processing and microstructural development of thin films and layered structures. Includes vapor, liquid, and reactive processing, as well as layer modification by annealing and beam techniques.

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 _____ Date _____ Apr. for Faculty #972 M.D. Zoltowski, Chair 4/5/03
Indianapolis Department Head _____ Date _____	Indianapolis School Dean _____ Date _____	Undergrad Curriculum Committee _____ Date _____
North Central Department Head _____ Date _____	North Central Vice Chancellor _____ Date _____	APPROVED 10/16/03 Date Approved by Graduate Council _____
West Lafayette Department Head _____ Date _____ <u>3-31-03</u>	West Lafayette School Dean _____ Date _____ <u>4/9/03</u>	Graduate Council Secretary _____ Date _____ <u>1/7/04</u>
Graduate Area Committee Convener _____ Date _____ <u>10-16-03</u>	Graduate Dean _____ Date _____	West Lafayette Registrar _____ Date _____ <u>1/14/04</u>

