

DEPARTMENT Freshman Engineering

DATE SUBMITTED 4/8/03

DATE EFFECTIVE Fall '03

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

PURPOSE

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> 1. Deletion of a course</li> <li><input type="checkbox"/> 2. New course with supporting documents</li> <li><input type="checkbox"/> 3. Add existing course offered at another campus</li> <li><input type="checkbox"/> 4. Change in course number at same level</li> <li><input type="checkbox"/> 5. Downgrading of course level</li> <li><input type="checkbox"/> 6. Upgrading of course level</li> <li><input type="checkbox"/> 7. Change in course title</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> 8. Change in semesters offered</li> <li><input type="checkbox"/> 9. Change in course credit/type</li> <li><input type="checkbox"/> 10. Change in course attributes</li> <li><input type="checkbox"/> 11. Change in instructional hours</li> <li><input type="checkbox"/> 12. Change in prerequisites</li> <li><input type="checkbox"/> 13. Change in description of course content</li> <li><input type="checkbox"/> 14. Transfer of course from one dept. to another</li> </ul> |
|---|--|

EXISTING:

Subject Abbreviation ENGR  
Course Number 190

PROPOSED:

Subject Abbreviation \_\_\_\_\_  
Course Number \_\_\_\_\_

SEMESTERS OFFERED

Check All That Apply.

Summer  Fall  Ag Winter  Spring

Proposed Title Elementary Engineering Design

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

- 1. Fixed Credit: Cr. Hrs. 2
- 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	2		Auto-tutorial			Thesis		
Secondary			Ind. Study			Observation		
Laboratory			Clinic			Mats Based		
Lab. Prep.			Experiential					

CAMPUS(ES) INVOLVED

- Calumet
- Fort Wayne
- Indianapolis
- North Central
- West Lafayette
- Off Campus

COURSE DESCRIPTION (PREREQUISITES INCLUDED):

An introduction to engineering design

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
				<i>M.D. Zoltowski</i>	
				Apr. for Faculty #972	
				M.D. Zoltowski, Chair	4/29/03
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	
<i>J.S. Curtis</i>	4/7/03	<i>A. I. Higgins</i>	4/24/03		
West Lafayette Department Head	Date	West Lafayette School Dean	Date	Graduate Council Secretary	Date
				<i>Debra Sheets</i>	
Graduate Area Committee Convener	Date	Graduate Dean	Date	West Lafayette Registrar	Date
				<i>OFFICIAL</i>	

OFFICE OF THE REGISTRAR

MAY 19 2003

EXHIBIT A  
PROFESSIONAL ENGINEER'S CERTIFICATE OF REGISTRATION  
NAME: [Faint Name]  
EXPIRES: [Faint Date]

EXPIRES: [Faint Date]  
[Faint Signature]

EXPIRES: [Faint Date]  
[Faint Signature]

EXPIRES: [Faint Date]  
[Faint Signature]

EXPIRES: [Faint Date]  
[Faint Signature]

EXPIRES: [Faint Date]  
[Faint Signature]

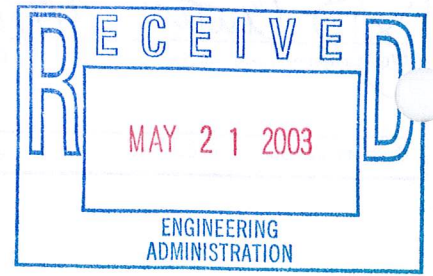
EXPIRES: [Faint Date]  
[Faint Signature]

EXPIRES: [Faint Date]  
[Faint Signature]

EXPIRES: [Faint Date]  
[Faint Signature]

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[Faint Signature]

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DEPARTMENT Freshman Engineering

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|---|--|

EXISTING:

Subject Abbreviation ENGR  
Course Number 191

PROPOSED:

Subject Abbreviation \_\_\_\_\_  
Course Number \_\_\_\_\_

SEMESTERS OFFERED

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

- 1. Fixed Credit: Cr. Hrs. \_\_\_\_\_
- 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	CAMPUS(ES) INVOLVED
Primary			Auto-tutorial			Thesis			Calumet
Secondary			Ind. Study			Observation			Fort Wayne
Laboratory			Clinic			Matis Based			Indianapolis
Lab. Prep.			Experiential						North Central
									West Lafayette
									Off Campus

COURSE DESCRIPTION (PREREQUISITES INCLUDED):

A variable title, variable credit course for all students in the pre-engineering courses (CHM 111 or 112, or MA 151).

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 <i>M. D. Zoltowski</i> Apr. for Faculty #972 M.D. Zoltowski, Chair 4/29/03	Date
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	
<i>J.S. Curtis</i> 4/7/03		<i>Z. J. Duggan</i> 4/24/03		Graduate Council Secretary <i>Debra Sheets</i>	Date
West Lafayette Department Head	Date	West Lafayette School Dean	Date	West Lafayette Registrar	Date
Graduate Area Committee Convener	Date	Graduate Dean	Date	CERTIFYING OFFICIAL	Date

OFFICE OF THE REGISTRAR

MAY 19 2003

Engineering Administration  
Office of the Registrar  
1000 University Avenue, Room 1000  
Berkeley, CA 94720-1000  
Tel: (415) 849-2000  
Fax: (415) 849-2001  
www.berkeley.edu

1. The Registrar's Office is responsible for the maintenance of the official records of the University of California, Berkeley, and for the issuance of transcripts and diplomas.  
2. The Registrar's Office is also responsible for the administration of the University's degree programs and for the coordination of the University's academic policies.  
3. The Registrar's Office is the central authority for the University's academic records and is the primary point of contact for students, faculty, and the public regarding academic matters.

4. The Registrar's Office is committed to providing high-quality service to the University community and to ensuring the accuracy and integrity of the University's academic records.  
5. The Registrar's Office is also committed to promoting the University's academic excellence and to supporting the University's mission of advancing the frontiers of knowledge and promoting the well-being of the world.

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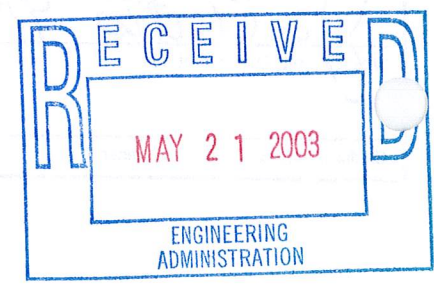
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MAY 19 2003

DEPARTMENT Freshman Engineering

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PURPOSE

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|---|---|
| <input checked="" 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                  |
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| <input type="checkbox"/> 5. Downgrading of course level                   | <input 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 ENGR Subject Abbreviation \_\_\_\_\_  
 Course Number 191 Course Number \_\_\_\_\_  
 Proposed Title 191C-Tutorial for CHM 111 and 112; 191M-Tutorial for MA 151  
 Variable Title Yes  No

Check All That Apply.  
 Summer  Fall  Ag Winter  Spring

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.

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

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Instructional Type	Class Hours	FTE	Instructional Type	Class Hours	FTE	Instructional Type	Class Hours	FTE
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Secondary			Ind. Study			Observation		
Laboratory			Clinic			Matis Based		
Lab. Prep.			Experiential					

CAMPUS(ES) INVOLVED

- Calumet
- Fort Wayne
- Indianapolis
- North Central
- West Lafayette
- Off Campus

COURSE DESCRIPTION (PREREQUISITES INCLUDED):

191C provides tutorial assistance for CHM 111 (fall) and CHM 112 (spring).  
 191M provides tutorial assistance for MA 151.

Calumet Undergrad Curriculum Committee	Date	Calumet Department Head	Date	Calumet School Dean	Date
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Graduate Area Committee Convener	Date	Graduate Dean	Date	Graduate Council Secretary	Date
				West Lafayette	Date

*J. S. Curtis* 4/12/03

*M. D. Zoltowski* 4/24/03

*Debra Sheets*

OFFICE OF THE REGISTRAR

MAY 19 2003

Name (Last, First, Middle Initial)  
Date of Birth

Address (Street, City, Province, Postal Code)  
Telephone (Home, Office, Mobile)  
E-mail Address

Education (Degree, Institution, Year)  
Professional Experience (Employer, Position, Dates)

References (Name, Address, Telephone)  
Signature of Applicant

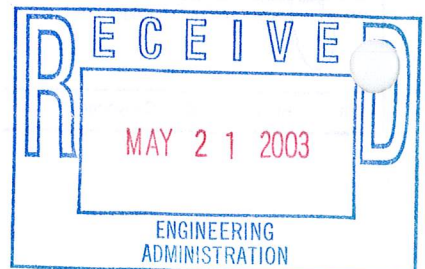
Signature of Registrar  
Date

Comments

Additional Information

*Richard Smith*  
Registrar

MAY 21 2003



DEPARTMENT Freshman Engineering

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DATE EFFECTIVE Fall '03

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|---|---|
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| <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 ENGR  
Course Number 490

Subject Abbreviation \_\_\_\_\_  
Course Number \_\_\_\_\_

Check All That Apply.

Summer  Fall  Ag Winter  Spring

Proposed Title Women in Transition Seminar

Variable Title Yes  No

Abbreviated Title \_\_\_\_\_

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CROSS LISTED COURSES

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  - Approval Required for Enrollment
- Department \_\_\_\_\_  
Instructor \_\_\_\_\_

Instructional Type	Class Hours	FTE	Instructional Type	Class Hours	FTE	Instructional Type	Class Hours	FTE	CAMPUS(ES) INVOLVED
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Secondary			Ind. Study			Observation			<input type="checkbox"/>
Laboratory			Clinic			Mats Based			<input type="checkbox"/>
Lab. Prep.			Experiential						<input checked="" type="checkbox"/>

COURSE DESCRIPTION (PREREQUISITES INCLUDED):

A seminar series designed to present and discuss issues of personal and professional concern for women seniors as they prepare to enter careers in engineering.

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
Indianapolis Department Head	Date	Indianapolis School Dean	Date	Apr. for Faculty	#972
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Graduate Area Committee Convener	Date	Graduate Dean	Date	Date Approved by Graduate Council	
				Graduate Council Secretary	Date
				<u>Debra Shree</u>	
				West Lafayette Registrar	Date

OFFICE OF THE REGISTRAR

MAY 19 2003

RECEIVED  
MAY 21 2003  
ENGINEERING  
ADMINISTRATION