0 EFO 22-01

Office of the Registrar
FORM 40 REV. 12/03

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

Graduate Council Document No. 04-14c

DEPARTMENT Chemical Engineering EFFECTIVE SESSION 1/04 Spring 2005

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

- [✓] 1. New course with supporting documents
- [ ] 2. Add existing course offered at another campus
- [ ] 3. Expiration of a course
- [✓] 4. Change in course number
- [ ] 5. Change in course title
- [ ] 6. Change in course credit/type
- [ ] 7. Change in course attributes
- [ ] 8. Change in instructional hours
- [ ] 9. Change in course description
- [ ] 10. Change in course requisites
- [ ] 11. Change in semesters offered

PROPOSED:
Subject Abbreviation CHE
Course Number 536

EXISTING:
Subject Abbreviation ~~CHE~~
Course Number ~~597S~~

Long Title Particulate Systems
Short Title Patriculate Systems
Abbreviated title will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)

TERMS OFFERED
Check All That Apply:
Summer [ ] Fall [ ] Spring [✓]

CAMPUS(ES) INVOLVED
Calumet [ ] Fort Wayne [ ]
Indianapolis [ ] N. Central [ ]
W.Lafayette [✓] Cont Ed [✓]
Tech Statewide [ ]

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 x
4. Thesis Credit: Yes [ ] No x

COURSE ATTRIBUTES: Check All That Apply.
1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
Maximum repeatable credit:
4. Credit by Examination
5. Designator Required
6. Special Fees

7. Registration Approval Type
Department [✓] Instructor [ ]
8. Variable Title
9. Remedial
10. Honors
11. Full Time Privilege
12. Off Campus Experience [✓]

Instructional Type	Minutes Per Mtg	Meetings Per Week	Weeks Offered	% of Credit Allocated	Delivery Method (Asyn. Or Syn.)	Delivery Medium(Audio, Internet, Live, Text-Based, Video)
Lecture	50	3	16	100	SYN	LIVE
Recitation						
Presentation						
Laboratory						
Lab Prep						
Studio	50	3	16	100	SYN	LIVE
Distance	50	3	16	100	ASYN	VIDEO; INTERNET
Clinic						
Experiential						
Research						
Ind. Study						
Pract/Observ						

COURSE DESCRIPTION (INCLUDE REQUISITES):

CHE 536 Particulate Systems Sem. 2, Class 3, Credit 3 •••Prerequisite: ChE 377 or equivalent or consent of instructor
A broad overview of the fundamental concepts in particulate systems including particle characterization, particle size measurement, sedimentation, fluidization, gas and liquid conveying, particle storage, fluid-particle separation, particle size enlargement and reduction, particle mixing and hazards associated with the handling of particulate solids. Practical applications are emphasized, with a focus on how particles behave differently than fluids.

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	Undergrad Curriculum Committee — Date (signature) 5/25/04
North Central Department Head — Date	North Central Chancellor — Date	Date Approved by Graduate Council: APPROVED 10/21/04
West Lafayette Department Head — Date (AVarma, 5-24-04)	West Lafayette School Dean — Date (signature, 5/24/04)	Graduate Council Secretary — Date (Marilyn D. Hoist 12/9/04)
Graduate Area Committee Convener — Date (signature, 10-21-04)	Graduate Dean — Date	West Lafayette Registrar — Date (Debra Sheets 12/16/04)

OFFICE OF THE REGISTRAR