REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF A COURSE

OBTAINED UNIVERSITY

DEPARTMENT Civil Engineering

EFFECTIVE SESSION Fall 2006 Spring 2007

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

1. New course with supporting documents
2. Add existing course
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
12. Transfer from one department to another

PROPOSED:

Subject Abbreviation CE
Course Number 556
Long Title Instrumental Methods in Environmental Chemistry
Short Title

EXISTING:

Subject Abbreviation CE
Course Number 556
Long Title Instrumental Methods in Environmental Chemistry
Short Title

TERMS OFFERED:
Check All That Apply:

- Summer
- Spring
- Fall

CAMPUS(ES) INVOLVED:

- Calumet
- Indianapolis
- W Lafayette
- Tech Statewide

- Ft. Wayne
- N Central
- Cont Ed

CREDIT TYPE:

1. Fixed Credit: Cr. Hrs.
2. Variable Credit Range: Minimum Cr. Hrs
3. Equivalent Credit: Yes
4. Thesis Credit: Yes

COURSE ATTRIBUTES:

- Pass/Not Pass Only
- Satisfactory/Unsatisfactory Only
- Repeatable
- Maximum Repeatable Credit: 1
- Credit by Examination
- Designator Required
- Special Fees

- Live
- Live
- Live

INSTRUCTIONAL CREDIT:

Type Lecture Lab/Recitation Presentation Laboratory Lab Prep Studio Distance Clinic Experiential Research Ind. Study Pract/Observ

Minutes Per Mtg. 50 2
Meetings Per Week 2
Weeks Offered 16
% of Credit Allocated 67
Delivery Method (Asyn. Or Syn) Syn
Delivery Medium (Audio, Internet, Live, Text-Based, Video)

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES):

Sem. 2 or 55, Class 2, lab 3, Cr 3.

Chem. 111 or equivalent.

Analytical Chemistry. CE 353 or equivalent or equivalent lab experience with consent of instructor.

Theory and operation of analytical instruments for quantitative chemical analysis of elements and chemicals of interest in environmental engineering and environmental geochemistry. Instrumental methods covered include: gas, liquid, and ion chromatography, gas chromatography-mass spectrometry, stable isotope mass spectrometry, atomic absorption spectroscopy, and inductively coupled plasma emission spectrometry.

Professors Xiao and Jafvert.

Calumet Undergrad Curriculum Committee Date
Calumet Department Head Date
Calumet School Dean Date

Fort Wayne Department Head Date
Fort Wayne School Dean Date

Indianapolis Department Head Date
Indianapolis School Dean Date

North Central Department Head Date
North Central Chancellor Date

West Lafayette Department Head Date
West Lafayette College/School Dean Date

Graduate Council Area Committee Chair Date
Graduate Dean Date

West Lafayette Registrar Date

OFFICE OF THE REGISTRAR