24-05

Print Form

Office of the Registrar
FORM 40 REV. 7/05

PURDUE UNIVERSITY

REQUEST FOR ADDITION, EXPIRATION, OR REVISION OF A COURSE

DEPARTMENT Civil Engineering

EFFECTIVE SESSION Fall 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
- [x] 5. Change in course title
- [ ] 6. Change in course credit/type
- [ ] 7. Change in course attributes
- [ ] 8. Change in instructional hours
- [x] 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 456

Long Title Water and Wastewater Treatment

Short Title Water & Wastewater

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

EXISTING:

Subject Abbreviation CE

Course Number 456

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

CAMPUS(ES) INVOLVED
Calumet [ ] Ft. Wayne [ ]
Indianapolis [ ] N. Central [ ]
W.Lafayette [x] 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 [ ]
4. Thesis Credit: Yes [ ] No [ ]

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

Cross-Listed Courses

COURSE DESCRIPTION (INCLUDE REQUISITES):

Sem. 1. Class 3, cr. 3

Prerequisites: C E 352, C E 353. Authorized equivalent courses or consent of instructor may be used in satisfying course pre-requisites. Fundamental concepts and design procedures for the treatment of municipal and industrial water and wastewaters. Problem assessment; determination of water and wastewater characteristics, biological, physical, and chemical treatment methods, process design, and disposal of residues.

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 12/1/06
North Central Department Head	Date 11/21/06	North Central Chancellor	Date 12/1/06	Date Approved by Graduate Council	
West Lafayette Department Head	Date	West Lafayette College/School Dean	Date	Graduate Council Secretary	Date 12/4/06
Graduate Council Area Committee Chair	Date	Graduate Dean	Date	West Lafayette Registrar	Date

OFFICE OF THE REGISTRAR

12/6/06

TO: Engineering Faculty
FROM: The Faculty of the School of Civil Engineering
RE: Changes in Undergraduate Level Course CE 456

The faculty of the School of Civil Engineering has approved the following changes in the title and description of an undergraduate level course. This action is now submitted to the Engineering Faculty with a recommendation for approval.

From: **CE 456 Wastewater Treatment**
Sem. 1. Class 3, cr. 3
Prerequisites: C E 352, C E 353. Authorized equivalent courses or consent of instructor may be used in satisfying course pre-requisites.

Fundamental concepts and design procedures for the treatment of municipal and industrial wastewaters. Problem assessment; determination of effluent quality, preliminary treatment; biological, physical, and chemical treatment methods; and utilization and disposal of residues. Field trips required.

To: **CE 456 Water and Wastewater Treatment**
Sem. 1. Class 3, cr. 3
Prerequisites: C E 352, C E 353. Authorized equivalent courses or consent of instructor may be used in satisfying course pre-requisites.

Fundamental concepts and design procedures for the treatment of municipal and industrial water and wastewaters. Problem assessment; determination of water and wastewater characteristics, biological, physical, and chemical treatment methods, process design, and disposal of residues.

Reason: The proposed changes in the title and description reflect a broader coverage of [illegible] inclusion of water treatment in this course is needed to better prepare our undergraduate engineering students for civil engineering practice.

M. Kathy Banks
Professor and Head

APPROVED FOR THE FACULTY
OF THE SCHOOLS OF ENGINEERING
BY THE COMMITTEE ON
FACULTY RELATIONS

FR Minutes 2

Date 9/8/06

Michael Saltzman