PURDUE UNIVERSITY
REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF AN UNDERGRADUATE COURSE
(100-400 LEVEL)

ARTMENT: 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 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 (department head signature only)
☐ 8. Change in instructional hours
☐ 9. Change in course description
☐ 10. Change in course requisites
☐ 11. Change in semesters offered (department head signature only)
☐ 12. Transfer from one department to another

PROPOSED:

Subject Abbreviation: CE
Course Number: 456
Long Title: Water and Wastewater Management
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
Long Title: Water and Wastewater Management
Short Title: Water & Wastewater
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
Cont Ed
Fl. Wayne
Indianapolis
Tech Statewide
W. Lafayette

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

INSTRUCTIONAL TYPE
1. Lecture
2. Recitation
3. Presentation
4. Laboratory
5. Lab Prep
6. Studio
7. Distance
8. Clinic
9. Experiential
10. Research
11. Ind. Study
12. Pract/Obsev

COURSE ATTRIBUTES: Check All That Apply
1. Pass/Not Pass Only
2. Satisfactory/Unsatisfactory Only
3. Repeatable
4. Maximum Repeatable Credit
5. Credit by Examination
6. Designator Required
7. Registration Approval Type
   Department
   Instructor
8. Variable Title
9. Remedial
10. Honors
11. Full Time Privilege
12. Off Campus Experience

COURSE DESCRIPTION (INCLUDE REQUISITES):
Sem. 1. Class 3. cr. 3
Prerequisites: CE 350 or equivalent with consent of instructor.
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 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

Central Department Head Date
North Central Chancellor Date

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

OFFICE OF THE REGISTRAR
TO: Engineering Faculty
FROM: The Faculty of the School of Civil Engineering
RE: Changes in Undergraduate Level Course CE 456 prerequisites

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

From: CE 456 Water and Wastewater Treatment
Sem. 1. Class 3, cr. 3
Prerequisites: CE 352, CE 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.

To: CE 456 Water and Wastewater Treatment
Sem. 1. Class 3, cr. 3
Prerequisites: CE 350 or equivalent with consent of instructor.

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: CE 350 provides sufficient technical background for students to take CE 456, which is a senior-level design class. This modification will enable more civil engineering undergraduates to include this important infrastructure design class in their technical elective program of study.

M. Katherine Banks, Professor and Head
School of Civil Engineering

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

CFR Minutes 14
Date 1/25/06
Chairman CFR