Office of the Registrar
FORM 4 REV. 7/05

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

ARTMENT: Civil Engineering

EFFECTIVE SESSION: Fall 2006

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: 591
Long Title: Advanced Structural Steel Design
Short Title: Adv Struct Steel Des

EXISTING:

Subject Abbreviation: CE
Course Number: 591

TERMS OFFERED:

Check All That Apply:

Summer [ ] Spring [ ] Fall [X]

CAMPUS(ES) INVOLVED:

Calumet

CREDIT TYPE

1. Fixed Credit: Cr. Hrs. [ ] 3
2. Variable Credit Range
   Minimum Cr. Hrs: [ ]
   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
4. Maximum repeatable credit: [ ]
5. Designator Required
6. Special Fees

Instructional Type

Lecture
Experimentation
Laboratory
Lab Prep
Studio
Distance
Clinic
Experiential
Research
Ind. Study
Prac/Observe

Meeting Per Week

50
3
16
100

Course Description (Include Requisites):

Sem. 1, Class 3, Cr. 3.
Prerequisite: CE 470. Authorized equivalent courses or consent of instructor may be used in satisfying course prerequisites.
Design and behavior of plate girders; design of composite beam and column members; behavior and design of bolted and welded connections, including moment-resistance connections, seated connections, and gusset-plate connections.

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

North Central Department Head Date
North Central Chancellor Date
Graduate Council Secretary Date

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

OFFICE OF THE REGISTRAR
TO: The Faculty of the College of Engineering
FROM: The Faculty of the School of Civil Engineering
RE: Changes in CE 591 Course Description

From: CE 591 – Advanced Structural Steel Design
Sem. 1, Class 3, Cr. 3.
Prerequisite: CE 470. Authorized equivalent courses or consent of instructor may be used in satisfying course prerequisites.
Economical use of high strength steels; behavior and design of bolted and welded moment resistant connections; design of plate girders and composite steel-concrete beams; brittle fracture and fatigue. Professor Bowman.

To: CE 591 – Advanced Structural Steel Design
Sem. 1, Class 3, Cr. 3.
Prerequisite: CE 470. Authorized equivalent courses or consent of instructor may be used in satisfying course prerequisites.
Design and behavior of plate girders; design of composite beam and column members; behavior and design of bolted and welded connections, including moment-resistant connections, seated connections and gusset-plate connections.

Reason: To provide an updated course description.