Office of the Registrar
FORM 40 REV. 7/05

PURDUE UNIVERSITY

REQUEST FOR ADDITION, EXPIRATION,
OR REVISION OF A COURSE

Print Form

EFD 20-05

DEPARTMENT 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
- [x] 9. Change in course description
- [ ] 10. Change in course requisites
- [ ] 11. Change in semesters offered
- [ ] 12. Transfer from one department to another

PROPOSED:	EXISTING:
Subject Abbreviation ~~CE~~	Subject Abbreviation CE
Course Number ~~591~~	Course Number 591
Long Title Advanced Structural Steel Design	
Short Title Adv Struct Steel Des	

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

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	Syn	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.
Prerequisitie: 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: 4/21/06
North Central Department Head — Date: 04/4/06	North Central Chancellor — Date: 4/24/06	Date Approved by Graduate Council: 12/4/06
West Lafayette Department Head — Date	West Lafayette College/School Dean — Date	Graduate Council Secretary — Date: 12/9/06
Graduate Council Area Committee Chair — Date	Graduate Dean — Date	West Lafayette Registrar — Date

OFFICE OF THE REGISTRAR

12/18/06 Apr

Engineering Faculty Document No. 20-05
February 23, 2006

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.

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

CFR Minutes 1017

Date 4-7-06

Chairman Robert Montgomery