**Institutions:**
- 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
- Long Title: Structural Steel Design
- Course Number: 470
- Short Title: Struct Steel Design
- Abbreviated title will be entered by the Office of the Registrar if omitted. (22 Characters Only)

**Existing:**
- Subject Abbreviation: CE
- Course Number: 470
- Long Title: Structural Steel Design
- Short Title: Struct Steel Design

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

**Course Attributes:**
- 1. Pass/Not Pass Only
- 2. Satisfactory/Unsatisfactory Only
- 3. Repeatable
- 4. Credit by Examination
- 5. Designator Required
- 6. Special Fees

**Terms Offered:**
- Summer [ ]
- Spring [x]
- Fall [x]

**Campus(ES) Involved:**
- Calumet
- Indianapolis
- W. Lafayette
- Tech Statewide

**Instructor:** [ ]

**Cross-Listed Courses:**
- [ ]

**Course Description (Include Requisites):**
Sem 1 and 2, Class 2, Lab 3, Cr 3.
Prerequisite: CE 371. Authorized equivalent courses or consent of instructor may be used in satisfying course prerequisites.
The elements of structural steel design, including tension members and their connections; structural connections, including welding and high-strength bolts; compression members; rolled and built-up flexural members; and combined axial and flexural loading effects.

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**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

**North Central Registrar** Date

**West Lafayette Department Head** Date

**West Lafayette College/School Dean** Date

**West Lafayette Registrar** Date
TO: The Faculty of the College of Engineering  
FROM: The Faculty of the School of Civil Engineering  
RE: Changes in CE 470 Course Title and Description  

From: CE 470 – Structural Design in Metals  

Sem. 1 and 2, Class 2, Lab. 3, Cr. 3.  

Prerequisite: CE 371. Authorized equivalent courses or consent of instructor may be used in satisfying course prerequisites.  

The elements of structural design in metals, including tension members and their connections; compression members and their connections; rolled and built-up flexural members; and structural connections, including welding, and high-strength bolts.  

To: CE 470 – Structural Steel Design  

Sem. 1 and 2, Class 2, Lab. 3, Cr. 3.  

Prerequisite: CE 371. Authorized equivalent courses or consent of instructor may be used in satisfying course prerequisites.  

The elements of structural steel design, including tension members and their connections; structural connections, including welding and high-strength bolts; compression members; rolled and built-up flexural members; and combined axial and flexural loading effects.  

Reason: To provide an updated course description and title.

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

CFR Minutes 1017  
Date 4/7/06  
Chairman CFR [Signature]
TO: The Faculty of the College of Engineering
FROM: The Faculty of the School of Civil Engineering
RE: Changes in CE 470 Course Title and Description

From: **CE 470 – Structural Design in Metals**

Sem. 1 and 2, Class 2, Lab. 3, Cr. 3.

Prerequisite: CE 371. Authorized equivalent courses or consent of instructor may be used in satisfying course prerequisites.

The elements of structural design in metals, including tension members and their connections; compression members and their connections; rolled and built-up flexural members; and structural connections, including welding, and high-strength bolts.

To: **CE 470 – Structural Steel Design**

Sem. 1 and 2, Class 2, Lab. 3, Cr. 3.

Prerequisite: CE 371. Authorized equivalent courses or consent of instructor may be used in satisfying course prerequisites.

The elements of structural steel design, including tension members and their connections; structural connections, including welding and high-strength bolts; compression members; rolled and built-up flexural members; and combined axial and flexural loading effects.

Reason: To provide an updated course description and title.

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

CFR Minutes 1017
Date 4/7/06
Chairman CFR