### INSTRUCTIONS:
Please check the items below which describe the purpose of this request:

- New course with supporting documents
- Add existing course
- Expiration of a course
- Change in course number
- Change in course title
- Change in course credit/credit type
- Change in course attributes
- Change in instructional hours
- Change in course description
- Change in course prerequisites
- Change in semesters offered
- Transfer from one department to another

### PROPOSED:

<table>
<thead>
<tr>
<th>Subject Abbreviation</th>
<th>CE</th>
<th>Course Number</th>
<th>474</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long Title</td>
<td>Structural Analysis II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Short Title</td>
<td>Struct Analysis II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Abbreviated title</td>
<td>will be entered by the Office of the Registrar if omitted. (22 CHARACTERS ONLY)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### CREDIT TYPE

1. Fixed Credit: Cr. Hrs. 3
2. Variable Credit Range: Minimum Cr. Hrs 3 (Check One) To
   - Or
   - Maximum Cr. Hrs
3. Equivalent Credit: Yes No
4. Thesis Credit: Yes No

### COURSE ATTRIBUTES:

- Pass/Not Pass Only
- Satisfactory/Unsatisfactory Only
- Repeatable
- Maximum repeatable credit:
- Credit by Examination
- Designated Required
- Special Fees

### TERMS OFFERED

- Summer
- Spring
- Fall

### CAMPUS(ES) INVOLVED

- Calumet
- Indianapolis
- W.Lafayette
- Tech Statewide

### COURSE DESCRIPTION (INCLUDE PREREQUISITES):

Sem 1 or 2, Class 3, Cr. 3.
Prerequisite: CE 371. Authorized equivalent courses or consent of instructor may be used in satisfying course prerequisites.

Determination of deflections by the method of virtual work; analysis of trusses, continuous beams, and frames by direct stiffness method; approximate methods of analysis.
TO: The Faculty of the College of Engineering
FROM: The Faculty of the School of Civil Engineering
RE: Changes in CE 474 Course Description and Schedule.

From: CE 474 – Structural Analysis II

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

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

Analysis of plane trusses, continuous beams, and plane frames by direct stiffness method; analysis of continuous beams by moment distribution method; approximate methods of analysis.

To: CE 474 – Structural Analysis II

Sem. 1 or 2, Class 3, Cr. 3.

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

Determination of deflections by the method of virtual work; analysis of trusses, continuous beams, and frames by direct stiffness method; approximate methods of analysis.

Reason: To provide an updated course description and course offering schedule.

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

CFR Minutes 10/7
Date 4/26/06
Chairman CFR Robert Montgomery
TO: The Faculty of the College of Engineering  
FROM: The Faculty of the School of Civil Engineering  
RE: Changes in CE 474 Course Description and Schedule.

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CFR Minutes 10/7

Date 4/7/06

Chairman CFR