**CBM003 ADD/CHANGE FORM**

**Effective Fall, 2005**

- Undergrad Council: [ ]
- Grad/Prof Council: [ ]
- New Course: [ ]
- IH Core Course: [ ]
- Core Category: none
- Selected Topics Course: [ ]
- Change: [ ]

**ORIGIN:**

1. Dept: Industrial Engineering Department
2. Person Submitting Form: Dr. Thomas Chen
3. College: ENGR
4. Telephone: 713-743-4198

**RECEIVED DEC 21 2005**

**APPROVED MAR 2 2006**

**3. PROPOSED COURSE:**

<table>
<thead>
<tr>
<th>Instructional Area/Course Number/Title</th>
<th>INDE 3381: Linear Optimization</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE Code Subj Prefix</td>
<td>Course Number</td>
</tr>
<tr>
<td>----------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>003652 INDE 3381</td>
<td>LINEAR OPTIMIZATION</td>
</tr>
</tbody>
</table>

**4. Justification for adding/changing course**

To meet professional accreditation standards

(Additional Explanation if needed: )

**5. IF PREVIOUSLY TAUGHT AS A SELECTED TOPICS COURSE, YOU MUST COMPLETE THIS SECTION:**

- Course Name/Number/Title: __________
- Content ID: _______
- Start Date: _______
- Stop Date: _______

**6. Proposed Catalog Listing/Description:**

- Cr. 3-0-0
- Prerequisites: INDE 2311, MA 3321
- Matrix and simultaneous equations, simplex algorithm, primal dual methods, sensitivity analysis, integer programming, and industrial applications of linear programming.

**7a. Authorized Degree Program:**

- BS
- Degree Name: Industrial Engineering

**7b. OR Support Area:**

**8. Grade Option:**

- Letter (A, B, C, etc.)

**9. Instruction Type:**

- Lecture

**10. How does this course affect major/minor requirements?**

- Nefffect

**11. Dean’s Signature (hard copy):**

- Date: 12/06/06

**12. CURRENT COURSE**

<table>
<thead>
<tr>
<th>Instructional Area/Course Number/Title</th>
<th>INDE 3381 Linear Optimization</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECE Code Subj Prefix</td>
<td>Course Number</td>
</tr>
<tr>
<td>----------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>003652 INDE 3381</td>
<td>LINEAR OPTIMIZATION</td>
</tr>
</tbody>
</table>

**IR/OPPA USE ONLY**

<table>
<thead>
<tr>
<th>SCH</th>
<th>Level</th>
<th>CIP Code</th>
<th>Lab Hrs</th>
<th>Lect Hrs</th>
<th>Adm Unit</th>
<th>yr</th>
<th>IC</th>
</tr>
</thead>
</table>