


CBM003 ADD/CHANGE FORM

Undergraduate Council
 New Course Course Change
Core Category: ADJL Effective Fall 2008

or

Graduate/Professional Studies Council
 New Course Course Change
Effective Fall

1. Department: Industrial Engineering College: ENGR
2. Person Submitting Form: Hamid R. Parsaei Telephone: 3-6041
3. Course Information on New/Revised course:
 - Instructional Area / Course Number / Long Course Title:
INDE / 4374 / Industrial Supervision
 - Instructional Area / Course Number / Short Course Title (30 characters max.)
INDE / 4374 / INDUSTRIAL SUPERVISION
 - SCH: 3.00 Level: SR CIP Code: 14.0101.00 06 Lect Hrs: 3.0 Lab Hrs: 0
4. Justification for adding/changing course: To meet instructional needs of students
5. Was the proposed/revised course previously offered as a special topics course? Yes No
If Yes, please complete:
 - Instructional Area / Course Number / Long Course Title:
 / /
 - Content ID: Start Date (yyyy3):
6. Authorized Degree Program(s): undergraduate BS Industrial Engr.
 - Does this course affect major/minor requirements in the College/Department? Yes No
 - Does this course affect major/minor requirements in other Colleges/Departments? Yes No
 - Are special fees attached to this course? Yes No
 - Can the course be repeated for credit? Yes No
7. Grade Option: Letter (A, B, C ...) Instruction Type: lecture ONLY (Note: Lect/Lab info. must match item 3, above.)
8. If this form involves a change to an existing course, please obtain the following information from the course inventory: Instructional Area / Course Number / Long Course Title
 / /
 - Start Date (yyyy3): Content I.D.:
9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
Cr: 3. (3-0). Prerequisites: ENGI 2304. Description (30 words max.): Introduce tools and scientific methods necessary to better understand the role of human behavior in complex socio-technical systems such as cognitive processes of organizational behavior, dynamics of organizational behavior, leadership and innovation.
10. Dean's Signature:  Date: 10/15/02
Print/Type Name: Dr. Frank Claydon

RECEIVED OCT 15 2007
APPROVED FEB 20 2008

Industrial Supervision

INDE 4374

Fall 2008

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The course is intended to provide students with necessary knowledge to better understand the principles of engineering administration and work as a productive team member. The course also intended to introduce tools and scientific methods necessary to better understand the role of human behavior in complex sociotechnical systems. The course also presents how people behave in organizations and what impact a leadership can make in increasing the productivity of organizations and morale of their members.

Prerequisite(s):

ENGI 2304.

Course Outcomes:

Upon completion of this course, students should:

- Understand concepts, tools, and applications of organizational behavior in engineering and technical organizations,
- Develop an appreciation for the role of human behavior in complex organizations and how an effective leadership can positive impact an organization and its productivity,
- Skills necessary to motivate and lead technical organizations.

Textbook:

Fred Luthans, "Organizational Behavior", 11th edition, McGraw-Hill, 2008 (ISBN: 0073404950)

Topics Covered in this course include:

Environmental and Organizational

1. Introduction to Organizational Behavior
2. Environmental Context: Information technology, Globalization, Diversity, and Ethics

3. Organizational Context: design and Culture
4. Organizational Context: Reward Systems
5. Industrial Supervision

Cognitive Processes of Organizational Behavior

6. Personality and Attitude
7. Motivational Needs and Processes
8. Job Motivation, Job Design, and Job Adaptation
9. Positive Organizational behavior

Dynamics of Organizational Behavior

10. Group Dynamics
11. Stress and Conflict
12. Power and Politics
13. Groups and Teams

Organizational Processes

14. Communication
15. Decision Making
16. Leadership

Leadership and Innovation

17. Effective Leadership Processes
18. Common Characteristics of Leaders: Personalities, Styles, Activities, and skills

Course grade:

First exam	100 Points
Second exam	100 Points
Final exam	100 Points
Homework assignments	50 Points

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Unannounced quizzes	50 Points
Group presentations	50 Points
Class participation	50 Points