The mission of the Department of Industrial and Information Management is to Cultivate quality professionals with enthusiasm and global perspectives.

General Program Learning Goals (goals covered by this course are indicated):

1. Graduates should be able to communicate effectively verbally and in writing.
2. Graduates should solve strategic problems with a creative and innovative approach.
3. Graduates should demonstrate leadership skills demanded of a person in authority.
4. Graduates should possess a global economic and management perspective.
5. Graduates should possess the necessary skills and values demanded of a true professional.

Instructor: Victor B. Kreng, Ph.D., Professor 
Office: IIM # 61316 Ext: 53145

Textbook: 工業工程與管理 三版，林清河，華泰文化, 2010

Grade:
Attendance: .................................................. 10%
Mid-Term Exam x 2:........................................... 25%/25%
Class Presentation ............................................. 20%
Final Exam .......................................................... 20%

No sloppy or late homework, assignment, and project is accepted. All the papers should be handed in with A4 or letter size only.

Objectives:

Course objectives:

This class is to introduce the technology management and the related issues. The following categories will be covered in this class:

1) 第 1 章 工業工程與管理發展歷程
2) 第 2 章 企業製造策略的發展
3) 第 3 章 工業組織與人力資源管理
4) 第 4 章 生產計畫與管制
5) 第 5 章 物料與存貨管理
6) 第 6 章 設施規劃
7) 第 7 章 工作研究與人因工程
8) 第 8 章 計量管理
9) 第 9 章 品質管理
(10) 第 10 章 供應鏈與資訊運籌管理
(11) 第 11 章 科技與研發管理
(12) 第 12 章 工業行銷
(13) 第 13 章 服務管理
(14) 第 14 章 管理資訊系統
(15) 第 15 章 系統工程
(16) Case Studies

### Grading Policy/評量方式:

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<th></th>
<th>Attendance 10%</th>
<th>Class Presentation 20%</th>
<th>Midterms/Case 50%</th>
<th>Final/Project 20%</th>
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<td>COMMU</td>
<td>□ Oral Commu./Presentation</td>
<td>✓ Written Communication</td>
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<td>✓ Creativity and Innovation</td>
<td>✓ Problem Solving</td>
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<td>GLOB</td>
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