IME 604     Topics for Papers     Spring 2000

Facilities Design:
2. Application of Simulation in Designing Facilities.
3. Recent Approaches to Designing Manufacturing Cells.
4. Implementation of ADA in Manufacturing Facilities.
5. Security Considerations in Facilities Planning & Design.

Office Design:
6. Designing a Virtual Office.
7. Designing an Office in the Home to Incorporate Safety and Efficiency.
8. Office Design for Improved Productivity.

Warehouse Design:
10. Layout Techniques to Improve Warehouse Efficiency.
14. Use of Carousals to Improve Picking.
15. Applications of Automated and Robotic Palletizers.
18. Techniques to Improve Warehouse Efficiency.
19. Small Parts Storage and Retrieval.

Materials Handling:
23. Applications of Robots in the Automotive Industry.

Specific Applications:
25. Use of Bar Coding for Baggage in Air Travel.
27. Designing of Work Cells Using the Kaizan Approach.
28. Facilities Design in Lean Manufacturing.
29. Design of Library Facilities.
30. Factors to be Considered when Locating a Hotel.