

COURSE SYLLABUS
Southeast Missouri State University

Department of Industrial & Engineering Technology

Course No: IM-604

Title of Course: Industrial Facilities Management

New: Spring 2000

- I. Catalog Description and Credit Hours of Course: A variety of topics will be covered related to facilities and their management. These include: project management, facility planning, maintenance, energy management, cost estimating, accounting, preventative maintenance, and others. The students outside of class will spend considerable time. (3 credit hours)
- II. Prerequisite (s) Graduate Student Status, Computer Aided Drafting and Facility Planning or Permission of Instructor
- III. Purpose or Objectives of the course: Upon the successful completion of the course, the student will be able to:
 - A. use various analytical techniques to solve typical industrial facility problems.
 - B. accurately communicate with a variety of people interactively to produce the desired outcomes.
 - C. creatively solve various technical problems to produce safe, efficient, and low cost facilities.
 - D. manage small scale projects.
 - E. communicate design by written, graphical, and oral means.
 - F. be able to FIND and USE information independently.
- IV. Expectations of Students:
 - A. Read and study all assignments.
 - B. Complete all assigned projects on time.
- V. Course Content or Outline (Weeks):
 - A. Computer Aided Drafting and Architecture Review
 - B. Simulation (1)

- C. Architectural and Engineering Planning (2)
 - D. Overview of Facility Management (3)
 - E. Facility Financial Forecasting (4)
 - F. Interior Space Planning (5)
 - G. Real Estate Considerations (6)
 - H. Maintenance and Operations (7-8-9)
 - I. Construction and Renovation Work (10-11-12)
 - J. General Administrative Service (13-14-15)
 - K. Final (16)
- VI. Textbook (s) and/or Other Required Materials or Equipment:
- Facility Management, by Rondeau, Brown, and Lapides (1995), John Wiley & Sons
- VII. Basis for Student Evaluation: Students will be evaluated based on the following:
- A. Exam I (25%)
 - B. Exam II (25%)
 - C. Final (30%)
 - D. Term Paper (20%)
 - E. Quizzes/Homework (10%)
 - F. Grading scale:
 - 1. 90 - 100 = A
 - 2. 80 - 89 = B
 - 3. 70 - 79 = C
 - 4. Below 70% = F
- VIII. Disabilities Statement: If you have special needs addressed by the Americans With Disabilities Act and need course materials in an alternative format, notify your course instructor immediately. Reasonable efforts will be made to accommodate your special needs.