Using Your IE Skills in Health Services

- Terminology
- History
  - Frank Gilbreth (1913)
  - AIIE (1948) → IIE
    - Hospitals Division (1964)
    - Health Services Division (1977)
      - Directors of Management Engineering [DOME]
  - Hospital Management Systems Society [HMSS] (1961)
Using Your IE Skills in Health Services

❖ Where Do Management Engineers Work?
❖ What Types of Projects do MEs Perform?
  ◆ Benchmarking
  ◆ Work Methods Improvement
  ◆ Scheduling
  ◆ Inventory Management
  ◆ Staffing Analysis
  ◆ Computer Simulation
  ◆ Quality Improvement Team Assistance
  ◆ Monitoring Performance, Costs, and Effectiveness of Operations
  ◆ Planning Assistance for New Facilities or Services
Using Your IE Skills in Health Services

❖ How Can I Learn More about Health Care?
  ◆ Co-op Programs
  ◆ Senior Design Projects
  ◆ Healthcare Administration Classes
  ◆ Summer Employment

❖ What Will be the Impact of Healthcare Reform on the Demand for MEs?
Using Your IE Skills in Health Services

❖ Where Can I Find Job Openings in Healthcare?
  ◆ HIMSS News
  ◆ Jobs Listing from Annual HIMSS Conference
  ◆ Industrial Engineering
  ◆ Society for Health Systems News
  ◆ Modern Healthcare
  ◆ Hospitals & Health Networks
  ◆ med1bbs

❖ What Professional Organizations Should I Join?