

Using Your IE Skills in Health Services

❖ Terminology

❖ History

- ◆ Frank Gilbreth (1913)

- ◆ AIIE (1948) → IIE

 - ◆ Hospitals Division (1964)

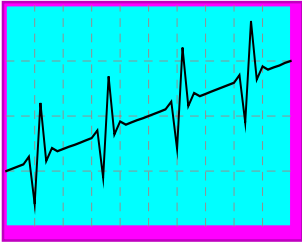
 - ◆ Health Services Division (1977)

 - ◆ Society for Health Systems [SHS] (1988)

 - Directors of Management Engineering [DOME]

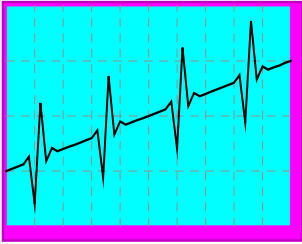
- ◆ Hospital Management Systems Society [HMSS] (1961)

 - ◆ Healthcare Information and Management Systems Society [HIMSS] (1987)



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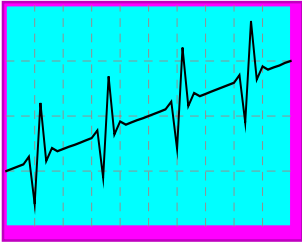
- ❖ **Where Do Management Engineers Work?**
- ❖ **What Types of Projects do MEs Perform?**
 - ◆ **Benchmarking**
 - ◆ **Work Methods Improvement**
 - ◆ **Scheduling**
 - ◆ **Inventory Management**
 - ◆ **Staffing Analysis**
 - ◆ **Computer Simulation**
 - ◆ **Quality Improvement Team Assistance**
 -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



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- ❖ **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?**



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- ❖ **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?**