Chapter Outline

# Chapter 9 Supplement: Tools for Analyzing Designing, and Selecting Processes and Layouts

***See pages: 326-256.***

Operations Profile: Relieving Congestion at St. Francis Hospital

 Process Selection, Design, and Analysis Tools

 Tools for Process Selection

 Tools for Process Analysis and Design

 Assembly Drawings and Charts and Route Sheets

 Value Stream Maps and Process Simulations

 Tools for Analyzing Service Processes

 Layout Analysis Tools and Techniques

 Techniques for Designing Process Layouts

 Technique for Designing Product Layouts: Line Balancing

 Computer Software for Designing Process Layouts

 Supplement Summary

 Key Terms

 Discussion and Review Questions

 Solved Problems

 Problems

 Critical Thinking Exercises