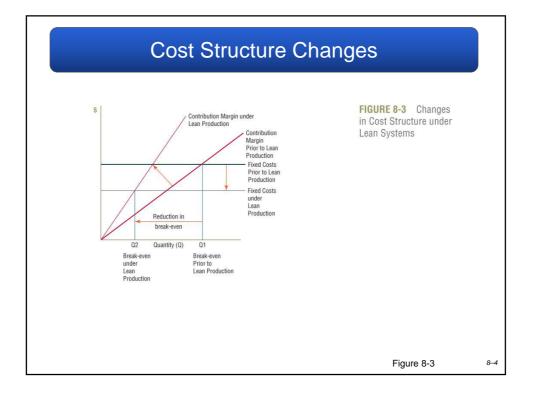


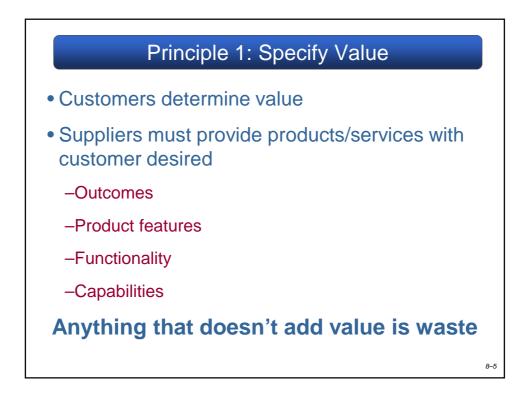


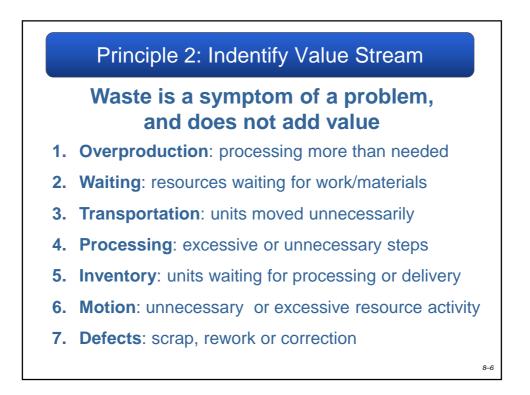
• Just-in-time (JIT): an older name for lean systems

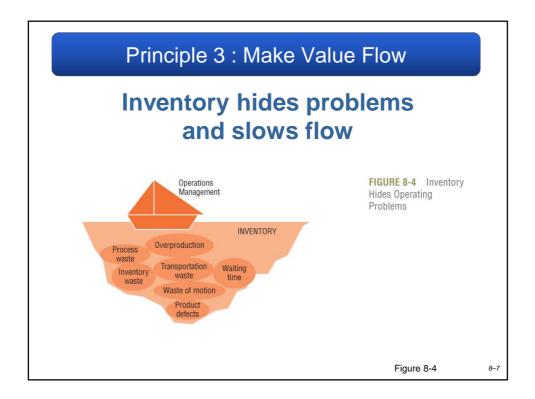
- **Toyota Production System (TPS)**: another name for lean systems, specifically as implemented at Toyota
- Lean Systems Approach: a philosophy of minimizing the resources needed for processes
 - 1. Only the good/services that customers want
 - 2. As quickly as customers want
 - 3. With only features customers want
 - 4. With perfect quality
 - 5. In minimum possible lead time
 - 6. Without waste
 - 7. With occupational development of workers

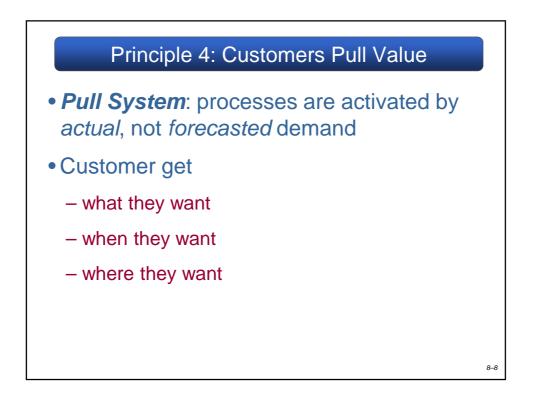
8–3



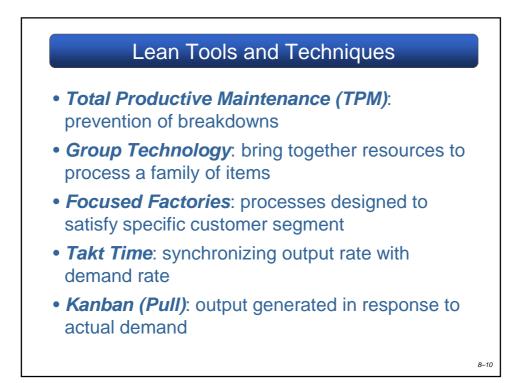






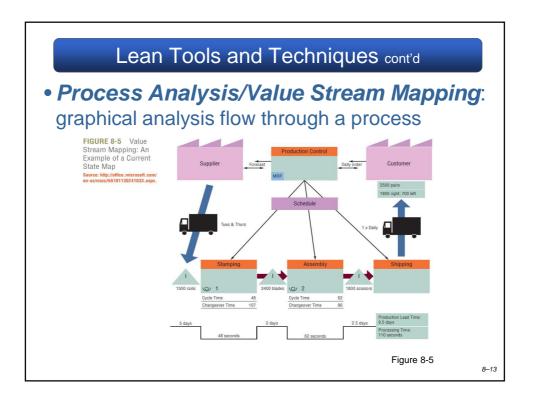














Application of Lean

Reducing Product Design Waste:

- Complexity: few, simple processes
- Precision: capability to attain specifications
- Variability: attainable specifications
- Sensitivity: not easily damaged
- Immaturity: tested technology
- Danger: customers & environment are safe

8–15

- High skill: ease for workers and customer

