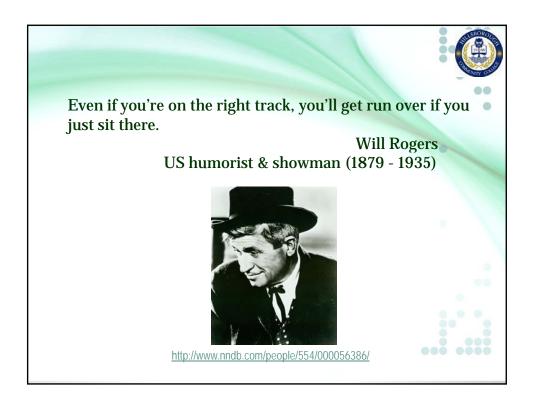
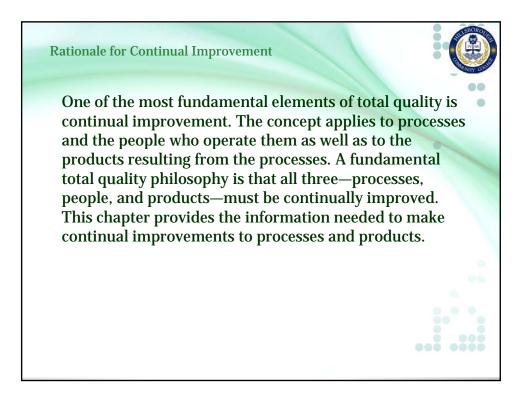


| Agen | nda | |
|------|--|---|
| 1. | Rationale for Continual Improvement | • |
| 2. | Management's Role in Continual Improvement | • |
| 3. | Essential Improvement Activities | |
| 4. | Structure for Quality Improvement | |
| 5. | The Scientific Approach | |
| 6. | Identification of Improvement Needs | |
| | Development of Improvement Plans | |
| 8. | Common Improvement Strategies | |
| 9. | Additional Improvement Strategies | |
| | The Kaizen Approach | |
| | Goldratt's Theory of Constraints | |
| 12. | The CEDAC Approach | |
| 13. | | |
| | Lean Operations | |
| | Lean Six Sigma | • |
| 16. | References | |
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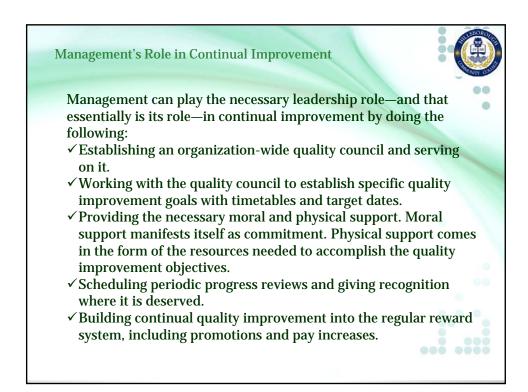


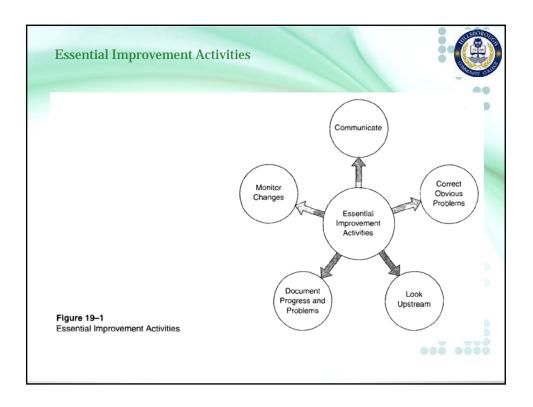


Rationale for Continual Improvement



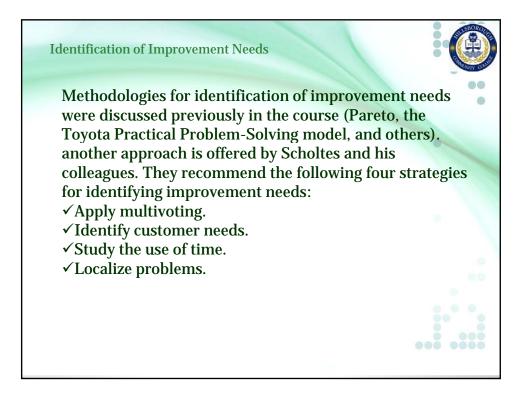
Customer needs are not static; they change continually. A special product feature that is considered innovative today will be considered just routine tomorrow. A product cost that is considered a bargain today will be too high to compete tomorrow. A good case in point in this regard is the ever-falling price for each new feature introduced in the personal computer. The only way a company can hope to compete in the modern marketplace is to improve continually.



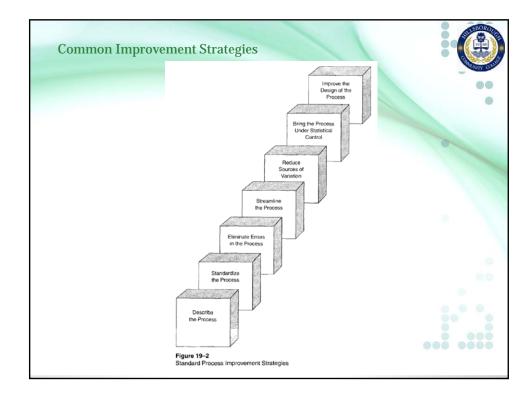


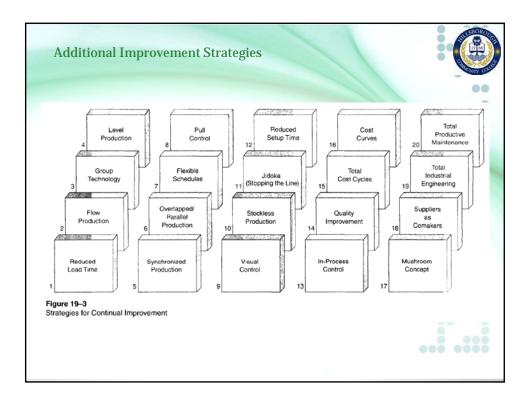


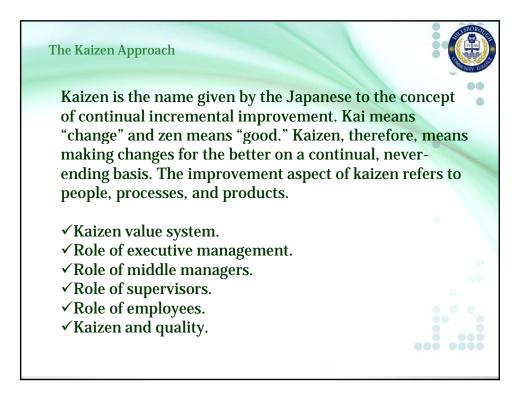


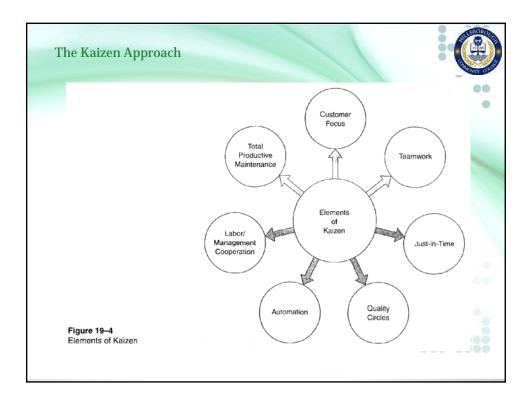


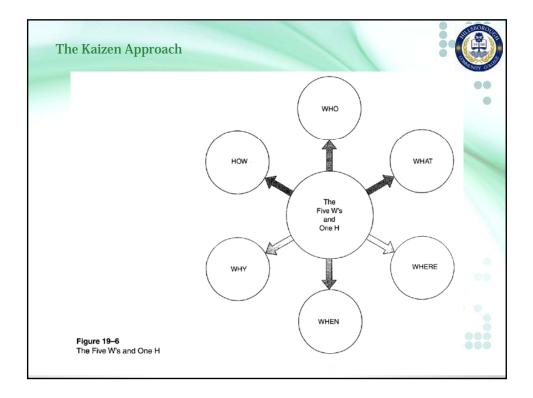


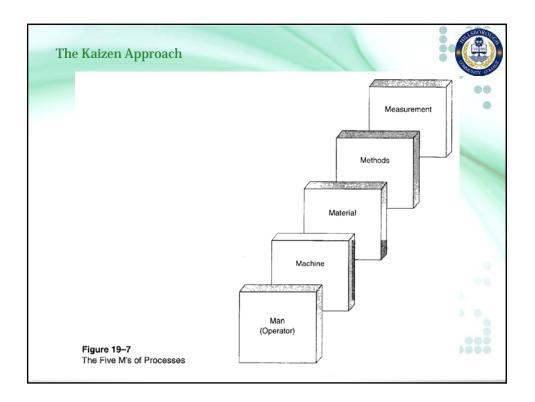


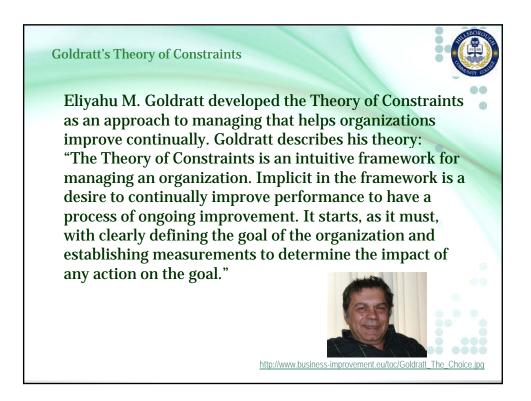


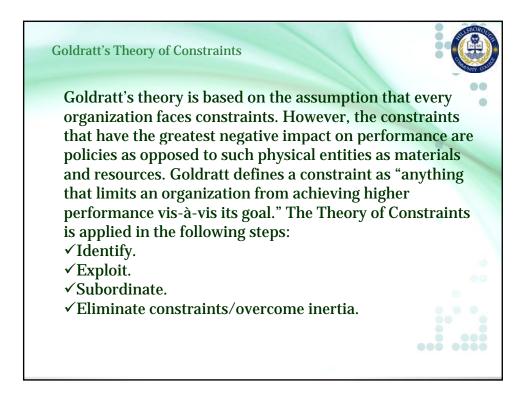


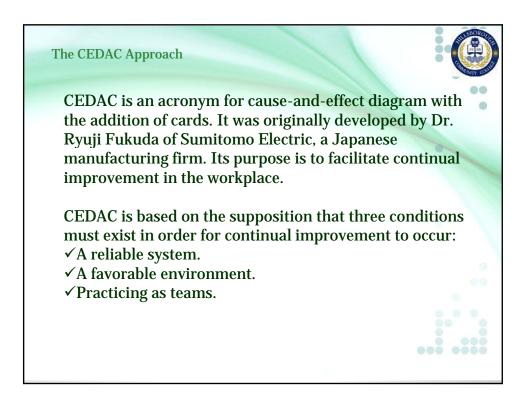


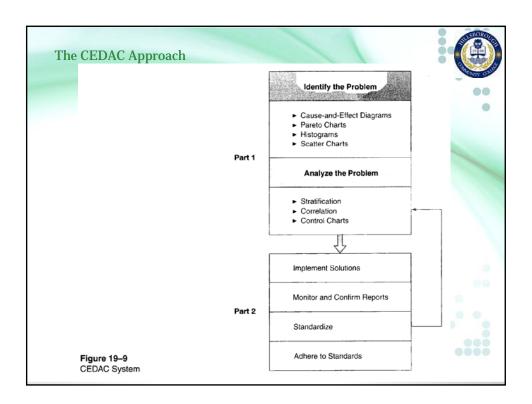




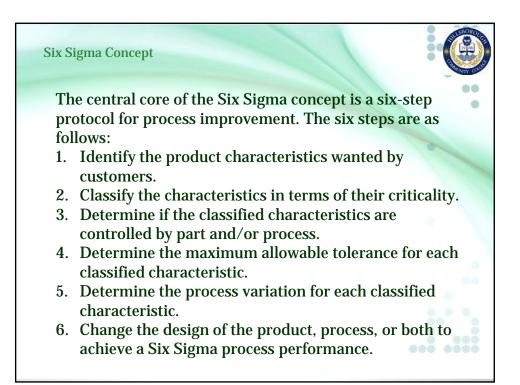


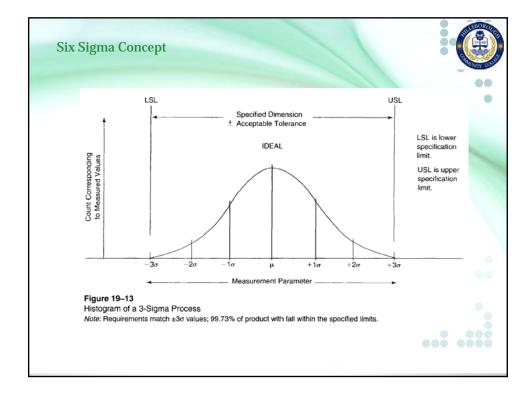


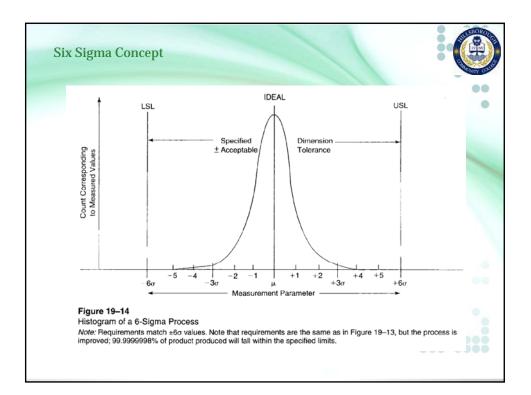


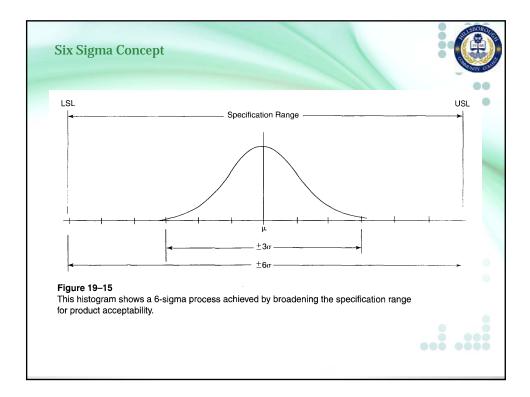












| 68.26 697,700 30.23 95.46 308,733 69.1267 | 45,400 95.46 308,733 69.1267 | Sigmas | Nonconformances (Statistical) | % Acceptable (Statistical) | Nonconformances (Motorola) | % Acceptable (Motorola) |
|---|--|------------------|----------------------------------|------------------------------------|-------------------------------|----------------------------|
| | | 1 | 317,400 | 68.26 | 697,700 | 30.23 |
| | | 2 | | 95.46 | 308,733 | 69.1267 |
| 99.73 66,803 93.3197 | | | | 99.73 | 66,803 | 93.3197 |
| 99.9937 6,200 99.38 | 63 99.9937 6.200 99.38 | | | | | |
| | | | | | | |
| | 0.57 99.999943 233 99.9767 | | | | | |
| | 0.5799.99994323399.97670.00299.9999983.499.99966 | 7 | 0.000003 | ≈ 100 | 0.019 | 99.9999981 |
| 99.9937 6,200 99.38 99.99943 233 99.97 | | 3 4 5 6 | 0.57 0.002 | 99.9937 99.999943 99.9999998 | 6,200 233 3.4 | 99.38 99.97 99.99 |
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| | | 3 | 0.002 | 99.9999998 | 3.4 | 99,99966 |
| | 0.57 99.999943 233 99.9767 | | | | | |
| 99.999998 3.4 99.99966 | 0.57 99.999943 233 99.9767 | , | 0.000003 | ≈ 100 | 0.019 | 99.9999981 |
| | 0.5799.99994323399.97670.00299.9999983.499.99966 | | 0.000003 | ~ 100 | 0.019 | |
| 9999998 34 999966 | 0.57 99.999943 233 99.9767 | | | ≈ 100 | | |



