

Operations Management

Unit 1: Using Operations to Compete

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本課程指定教材為 ~~OpenCourseWare~~ Management: Processes and Supply Chains,
10th ed., Lee J. Krajewski, Larry P. Ritzman, and Manoj K Malhotra, Pearson
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Required Textbook

Operations Management: Processes and Supply Chains, 10th ed

Lee J. Krajewski

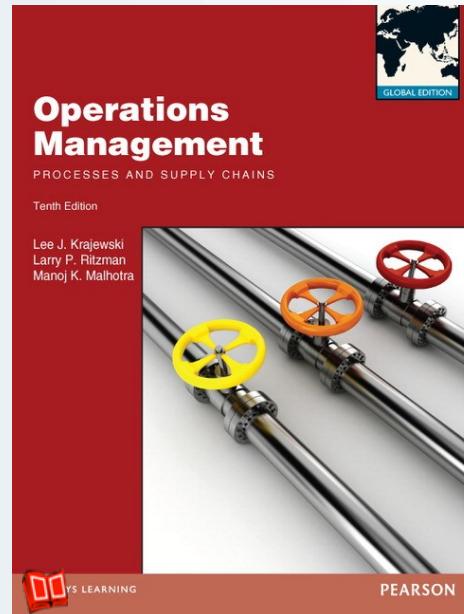
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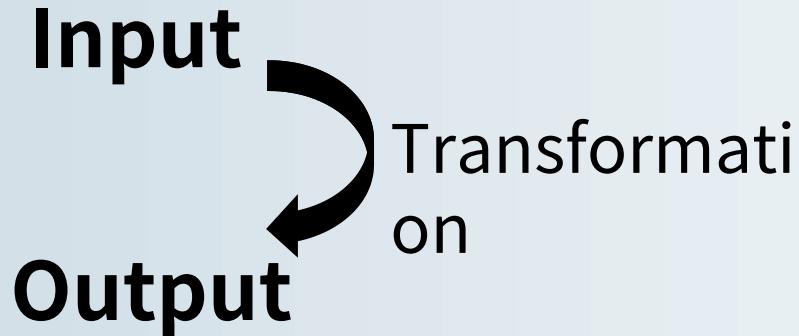
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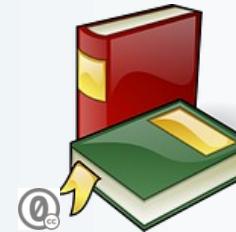
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Operations Management



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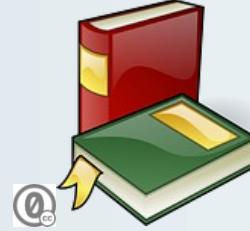
The Role of Operations in the Organization

p.22 Figure 1.1



Historical Evolution of Operations and Supply Chain Management

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A Process View

p.24 Figure 1.2



Service and Manufacturing Processes

p.25 Figure 1.3



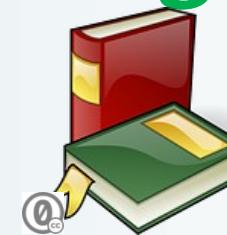
The Supply Chain View

- Core Processes

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p.26 Figure 1.4



- Support Processes

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Operations Strategy

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Operations Strategy

p.28 Figure 1.5



Corporate Strategy

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Market Analysis

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Competitive Priorities and Capabilities

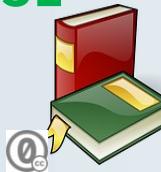
- Competitive Priorities

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- Competitive Capabilities

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Competitive Priorities Examples

p.32 Table 1.1



Order Winners and Qualifiers

p.33 Figure 1.6



Operations Strategy as a Pattern of Decisions

p.35 Table 1.3



Trends in Operations Management

- Productivity improvement

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- Global competition

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- Ethical, workforce, and environmental issues

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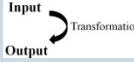
Productivity

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$$\text{Productivity} = \frac{\text{Output}}{\text{Input}}$$

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