

# Operations Management

## Unit 1: Using Operations to Compete

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本課程指定教材為 [OpenCourseWare](#) [版權釋出](#) Management: Processes and Supply Chains, 10th ed., Lee J. Krajewski, Larry P. Ritzman, and Manoj K Malhotra, Pearson Education, ©2013

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# Required Textbook

## Operations Management: Processes and Supply Chains, 10th ed

Lee J. Krajewski

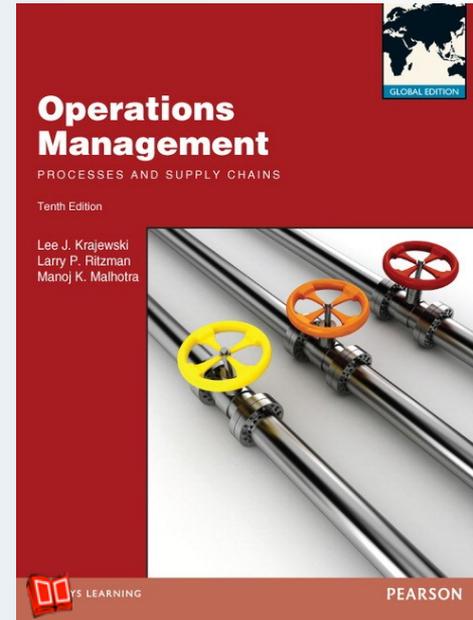
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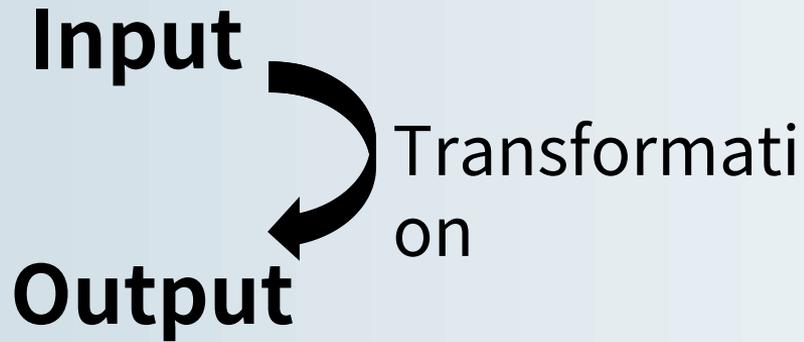
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# Operations Management



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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*

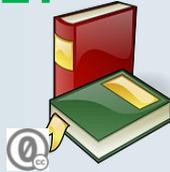
p.25 Figure 1.3



# *The Supply Chain View*

- Core Processes

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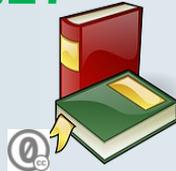


p.26 Figure 1.4



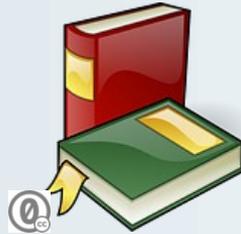
- Support Processes

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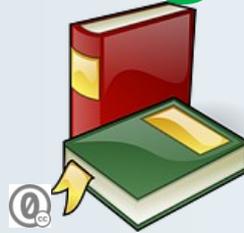
# *Operations Strategy*

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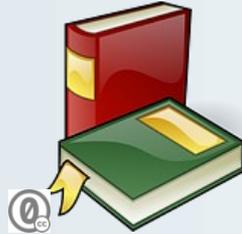
# *Operations Strategy*

p.28 Figure 1.5



# *Corporate Strategy*

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# *Market Analysis*

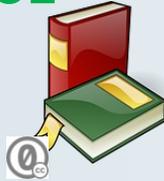
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# *Competitive Priorities and Capabilities*

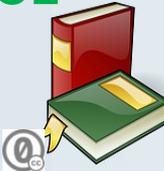
- **Competitive Priorities**

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- **Competitive Capabilities**

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# *Competitive Priorities Examples*

p.32 Table 1.1



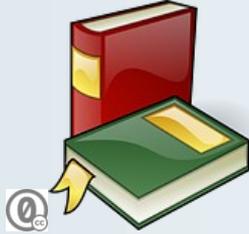
# *Order Winners and Qualifiers*

p.33 Figure 1.6



# *Operations Strategy as a Pattern of Decisions*

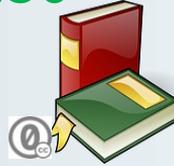
p.35 Table 1.3



# *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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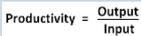
# *Productivity*

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

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