

# Quizlet

## Week 8: Managing Process Flows

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### STUDY

 Flashcards

 Learn

 Write

 Spell

 Test

### PLAY

 Match

 Gravity

 Live **BETA**



### Key concepts:

Jobs    Material Flow    Mapping

### Terms in this set (27)

Four Types of  
Flows

- material
- customer and work
- information
- cash

Material Flow	Flow of physical goods and objects
Customer Flow	Flows involving people
Information Flow	Flows of documents and flow-charts
Cash Flow	Flows involving transactions
Waste - DOWNTIME	<ul style="list-style-type: none"> <li>- Defects</li> <li>- Overproduction</li> <li>- Waiting</li> <li>- Non-utilized people</li> <li>- Transportation</li> <li>- Inventory</li> <li>- Motion</li> <li>- Extra Processing</li> </ul>
Material Flows	<ul style="list-style-type: none"> <li>- Just-In-Time</li> <li>- Process flow diagrams</li> <li>- Load-distance analysis</li> <li>- Flow charts</li> <li>- Discrete/Continuous;</li> <li>Convergent/Divergent</li> <li>- Work-In-Progress</li> <li>- Batch-sizes</li> </ul>
Material Flow: Just-In-Time	Addresses exactly what, how much, when it, and where it is needed
Material Flow: Process Flow Diagrams	Analysis in an attempt to reduce excessive and unnecessary transportation and movement of items

Material Flows: Load-Distance Analysis	The goal is to find a design to minimise the LD score where which a load matrix is used to describe the loads that need to be shipped between each work station
Material Flow: Flow Charts	Depicts activities from left to right and helps identify loops, multiple alternative paths and decision points
Material Flow: Discrete & Continuous Processes	Discrete processing is each item is distinct where as continuous processes is when no individual items are produced
Material Flow: Divergent & Convergent Processes	Divergent processing is when several outputs are derived from a single input whereas convergent is when several inputs are put together into one input
Material Flow: Linear Processes	When only one input gives one output
Material Flow: Work-In-Progress	Comprises of all the jobs that have entered the process but not yet left it

**THIS SET IS OFTEN IN FOLDERS WITH...**

**Week 1: Introduction to  
BIS**

18 terms



Eddie\_Huynh4

**Week 2: Enterprise  
Systems**

37 terms



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**Week 3: Business Process  
Design and Data Flow  
Diag...**

15 terms



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**Week 4: Business Process  
Design and System Flow  
Ch...**

15 terms



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