

## **SSM 48: JIT TECHNIQUES**

Just-in-time is a company wide philosophy oriented toward eliminating waste throughout all operational functions and improving materials throughput. The goal of JIT is to eliminate any function in the manufacturing system that causes overhead, slows productivity, or adds unnecessary expense. It is mostly characterized by a pull production system, which supplies a component only on demand without the intervention of inventory. Thus JIT is characterized by "zero" inventory philosophies.

### ***WHO SHOULD ATTEND?***

This course is designed for anyone working in inventory and stock management and wants to implement JIT techniques more effectively.

### ***COURSE CONTENTS***

#### **Session 1: Basic principles of JIT**

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- Reducing overheads and inventory
- A new dimension to competition
- Introducing customized high quality outputs
- JIT techniques in the full cycle of procurement

#### **Session 2: Characteristics of JIT Techniques**

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- Improved work place organisation
- Visibility of operations and outcomes
- Kanban production control
- Steady rate timing
- Flexibility
- Simple manufacturing processes

#### **Session 3: Cost reductions attained by JIT**

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- Material and Manufacturing related costs
- Developing long-term contracts with suppliers
- Simplify receiving systems
- Eliminate the stocking of inventory
- Eliminate excess material spoilage
- Statistical process control reviews