



The Supply Chain Company™

Summary

Solution Type:	SCM
Industry:	General
Product(s)/Template(s):	<i>Planning and Scheduling for Lean Manufacturing</i>
Target Audience:	<ul style="list-style-type: none">• Plant Managers• Operations Managers• Material Managers• Lean Implementers• Lean Coaches• Production Supervisors• Production Schedulers
Delivery Method:	Instructor-Led Training
Training Approach:	Lecture, Demo & Hands-on
Duration:	4 days

Description

Lean is more than a buzz word in today's manufacturing environment. Companies are struggling to find ways to reduce, cut back and slim down their operations to meet the expectations of both shareholders and customers. Planning and scheduling for lean manufacturing operations is a challenging business. A large amount of information must be brought together and analyzed to meet the customer demands while reducing waste on the manufacturing floor. This class provides the knowledge and techniques required for planning and operating in the five areas of a lean manufacturing system. Taking and applying the lessons from this class will give the attendee a leg up on the competition.

This is a four day, intensive learning experience. Large classroom instruction and discussion will be the primary delivery format. The class will use small working groups for a focused case study to apply the classroom topics. Hands on simulations will be used to show examples and demonstrate techniques. Participants will leave with example spreadsheets that can be used for real life planning.

Content

- Five lean loops
- Takt time, cycle time and target rate
- Kanban loop sizing for suppliers
- Internal kanban loop sizing
- Capacity analysis for internal machines
- Value stream mapping
- Shipping and receiving dock processes
- Scheduling techniques for large changeover
- Operator balancing

Day – By – Day

Day 1

- Introductions and group assignments
- Lean manufacturing baseline

Day 2

- Value stream mapping
- Shipping and Receiving
- Fixed Time Variable Quantity kanban loops

Day 3

- Level load operations and planning
- Capacity analysis for large changeovers

Day 4

- Fixed Quantity Variable Time kanban loops
- Group presentations
- Wrap-up