

Advanced Workshop: Line Design for the Lean Factory

A Lean Factory Group Workshop Hosted by Rolls Royce Aerospace

Workshop Agenda

Mixed Model Line Design. The future of manufacturing belongs to multi-product manufacturing, but few Lean practitioners are competent in mixed-model line design. A primary goal of this workshop is for participants to learn these skills, and to be able to apply them immediately in their home factory environment.

Workshop Details

Date: January 10 -12, 2012
3-Day Workshop

Time: 8:00 AM to 5:00 PM

Location: Rolls-Royce Training Center
2355 South Tibbs Avenue
Indianapolis, IN 46221

Cost: \$1495/Person, Lunch included
Group discounts available

Registration

Register online at www.leanfactorygroup.com

Attendees will receive a complete copy of the *LeanRoadMap® for Line Design, the Mixed Model Implementation Guidebook*, a copy of *Fundamentals of Flow Manufacturing*, and a CD with all necessary forms, software tools, worksheets, and checklists.

About the Lean Factory Group

The Lean Factory Group is an association of like-minded companies committed to Lean philosophies and methods within their organizations and within industry. Members include: Bosch Rexroth, Orgatex, Leonardo Group Americas, Toyota Material Handling, and Omron STI.

Beyond Lean Basics. Take the leap beyond 5S, Value Stream Mapping and SMED to where the real process improvements take place: line design. This workshop is led by the authors of *Fundamentals of Flow Manufacturing*, world-renowned experts in mixed-model line design from Leonardo Group Americas, with presentations from industry experts from other Lean Factory members. The Learning Objective: a deep understanding and hands-on experience with Lean mixed-model line design.

Physical Implementation. Students learn best by doing, and this Advanced Workshop will include the actual implementation of all of the line design tools in a simulation environment. Participants will design the production environment, and then build an actual product using production-level hardware.

Rolls Royce Plant Tour. The Advanced Workshop participants have received special permission to tour the LiftFan factory. This \$13 million facility was designed from the ground up on Lean principals, and is building the lift fan assembly for the F-35 Joint Strike Fighter. Participants will also have the opportunity to tour the Rolls Royce Aerospace Museum, a part of the Training Center.

Designing the Ultimate Workstation. An important part of the line design effort is the optimization of the physical work area. In this module a representative in workstation design from Bosch Rexroth will implement the workstation optimization checklist.

This workshop is graciously hosted by Rolls-Royce Aerospace.

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