Online Learning Resources on JobshopLean

Adapting Lean for High-Mix Low-Volume Manufacturers using Group Technology and Production Flow Analysis

An online self-study guide comprised of webinars and class lectures presented by:
Dr. Shahrukh A. Irani
Lean & Flexible, LLC
Email: ShahrukhIrani1023@yahoo.com
Phone: 832-475-4447
Website: www.LeanandFlexible.com

[FYI] Principles of Lean

[FYI] Origin of JobshopLean

[FYI] Case Studies on JobshopLean

[FYI] Book on JobshopLean (Forthcoming)

[FYI] LinkedIn Articles based on Book Chapters

[FYI] Publications on JobshopLean

[FYI] Educational and Training Resources on JobshopLean

"ToyotaLean" vs. JobshopLean:
- [Online Lecture] Overview of Lean Manufacturing.
- [Online Lecture] Why JobshopLean?

Methodology for Implementing JobshopLean:
- [FYI] Implementing JobshopLean.
- [Powerpoint] Reduction and Simplification of Material Flows in a Factory – The Essential Foundation of JobshopLean.
- [FYI] PFA (Production Flow Analysis) and PFAST (Production Flow Analysis and Simplification Toolkit).
- [Online Lecture] Patient Flow Analysis to Design a (New) Lean Hospital.
- [YouTube Video] Ideal Products: Making Flow Happen in a Job Shop.

A Hands-On Simulation to Teach JobshopLean:
- [Live Simulation] JobshopLean Simulation: Current State of the Jobshop.
- [Live Simulation] JobshopLean Simulation: Future State of the Jobshop.

The Quick-Start Approach to Implement JobshopLean:
- [Case Study] A Program to Initiate JobshopLean at Bula Forge & Machine Inc.

An Alternative to Value Stream Mapping:
- [Online Lecture] Value Network Mapping: An Alternative to Value Stream Mapping in Jobshops.

Incorporating Industrial Engineering Analytics in Shigeo Shingo's SMED Methodology:
- [Online Lecture] Setup Reduction on a Forging Press.

Software to Enable the Implementation of JobshopLean:
- [FYI] Software for Implementing JobshopLean.
- [Webinar] Implementing Lean in a High Mix Low Volume Shop by Reducing Material Transportation.
- [YouTube Video] Dynamic Simulation of a Jobshop using Simcad Pro.
- [YouTube Video] Advanced Planning and Scheduling for Manufacturing.

How an ERP System Can Facilitate the Implementation of JobshopLean:
- [Webinar #1] An ERP-aided Approach to Implement Lean in any Job Shop.
- [Webinar #2] Data Requirements to Pursue Production Flow Simplification in any Jobshop.
- [Webinar #3] Identifying Opportunities to Simplify Production Flow in *Any* Job Shop using their ERP Data.
- [Webinar #4] Learning To See the Hidden Costs of *All* the Material Transportation in *Any* Job Shop.