

# TAKT FUNDAMENTALS TRAINING AGENDA

## DAY 1 (8hr with 1hr Lunch Break)

1. Reflection on industry's current tools, and tips on how to better them
2. Takt theory and how to use with your current system
3. Learn and use the Takt Planning basics
  - Build a Takt Zone Map
  - Pull Plan a production area
  - 5s Schedule Simulation
4. Build a Takt Plan in teams using excel for a \$60 million project
  - Work Packaging
  - Build Takt Wagons
  - Takt Legend
  - Intro to Little's Law

## DAY 2 (8hr with 1hr Lunch Break)

5. Takt Phase Creation
  - Finalize the takt optimization
  - Batch Sizes - Choosing by Advantages
6. Participate in the Takt Towers Simulation.
  - Reflection on Throughput
  - Building Capacity
  - STOP PUSHING
  - Hold The Line
7. Learn how to use the Production Laws and Apply them to your project
  - Little's Law
  - Law of Variation
  - Law of Bottlenecks (TOC)
  - Kingman's Formula
  - Brooks's Law
8. Finalize & Test your Takt plan
  - Takt Buffer Management
  - Takt Health
  - Risk Analysis
  - KPIs