Overview of Lean Course Outline

Lesson 1 | Why Lean?

- Be customer focused: Be on-time, responsive, flexible, and fast.
- Simplify and standardize workflows: Mimic continuous flow, minimize WIP, use visible measures.
- Manage capacity: Increase process uptime, reduce set-up times, find "lost" capacity.
- Eliminate waste: Identify non-value adding activities, then modify, combine, or eliminate those tasks.
- JiT: Not too early and never late; not just-in-case inventory but just-in-time production and delivery; products must always be made right the first time; equipment must always work when needed.

Lesson 2 | Eliminate Waste

- Elimination of waste starts with identification of waste. Anything that does not add value is classified as waste.
- Waste can be classified into seven categories: Waiting, Transportation, Processing, Motion, Quality, Inventory and Overproduction.

Lesson 3 | Components of Lean

- Overview of the 8 Components of Lean: Value Stream Mapping, Workplace Organization, Predictability and Consistency, Set-up Reduction, TPM, Visual Factory, Support Processes, and Continuous Improvement.

Challenge

- An assessment of the learner's progress in this course.