

# Introduction to Lean Six Sigma Course Outline

## Lesson 1 | What is Lean Six Sigma

- Lean Six Sigma Philosophy
- Lean Six Sigma Methodologies

## Lesson 2 | Improvement Methodologies

- Value Stream Mapping
- Elimination of Waste
- The 5S's
- The DMAIC Project Cycle

## Lesson 3 | Supporting Infrastructure

- Components in the Supporting Infrastructure:
- Leadership team
- Champions
- Black Belts
- Green Belts
- Project Teams
- Subject Matter Experts
- DMAIC Project Management

## Lesson 4 | Application and Outcomes

- Lean Six Sigma in:
  - Manufacturing
  - The "Office"
  - Order Entry
  - Warehousing and Distribution
  - Sales
  - R and D

## Challenge

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