

LEAN SIX SIGMA

Yellow Belt

Bee the Change



A Certified Lean Six Sigma Yellow Belt has the ability to support continuous improvement projects and are highly skilled in identifying and addressing risks, errors, or defects in a business process.

This program has been specifically developed for government and public sector organizations and provides participants with relevant tools to raise awareness and the importance of “LEAN” in an organization.

LEAN processes are faster, more efficient and deliver quality customer service. Understanding the “VOICE OF THE CUSTOMER” is fundamental to improving and streamlining services.



WHAT YOU WILL LEARN:

A Lean Six Sigma Yellow Belt possesses an understanding of the aspects within the phases of D-M-C (Define-Measure-Control). Yellow Belt training is an introductory course for learning about “Lean” thinking and how it can be used to make daily improvements in the workplace.

KEY TAKEAWAYS

1. Assist in project selection and change management
2. Write effective problem statements using; Who, What, When, Where, Why, How and How much (5W2H) approach
3. Aligning the “Voice of the Customer” with process performance to determine overall capability and improvement opportunities
4. Explain the fundamental concepts and principles of Lean and Six Sigma
5. Construct Suppliers, Inputs, Process, Outputs, Customers (SIPOC), Process Flow and Spaghetti Maps
6. Facilitate “Root Cause Analysis” using cause and effect and the 5 Whys approach
7. Generate and interpret process statistics and employ graphical analysis as an investigative tool
8. Plan, facilitate and execute rapid improvement (“Kaizen”) events, and walk the Gemba waste-walks

For more information visit omli.ca or contact info@omli.ca

LEAN SIX SIGMA YELLOW BELT - FALL 2024 PROGRAM SCHEDULE

PART 1 – INTRODUCTION TO LEAN SIX SIGMA/ DEFINE PHASE – (3.5 HRS)

Date: October 10, 2024,
Time: 1pm-4:30pm (EST)



Understanding what is Lean Six Sigma?

- Principles & Methodologies of Lean Six Sigma
- Eliminating Waste, Process Improvement, & Customer Focus

Define – Problem Statement, Objective Statement, Primary and Secondary Metrics

***Homework Project Selection (1 HR) – Self Directed/Prior to Measure Phase**

PART 2 – MEASURE PHASE (3.5 HRS)

Date: October 24, 2024,
Time: 1pm-4:30pm (EST)

- Detailed Process Mapping, Cause and Effect

***Homework: Completed Define Templates Due by Friday, November 1, 2024**

PART 2 – MEASURE PHASE (3.5 HRS)

Date: November 21, 2024
Time: 1pm-4:30pm (EST)

- XY Diagram FMEA/Data Collection and Analysis

***Homework: Completed Due by Friday, December 5, 2024**

PART 2 – MEASURE PHASE (3.5 HRS)

Date: December 5, 2024
Time: 1pm-4:30pm (EST)

- Measurement System Analysis/Statistical Process Control

***Homework: Completed Due by Friday, December 13, 2024**

PART 3 – CONTROL PHASE (3.5 HRS)

Date: December 12, 2024
Time: 1pm-4:30pm (EST)

- Developing the Control Plan

***Homework: Completed Due by Friday, January 2, 2025**

***Final Exam + *Project Presentations – January, 2025**