



Crystal Lean Solutions

**Training**  
Academy

# Lean Six Sigma White Belt



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<b>DURATION:</b>	0.5 Day
<b>ACCREDITATION:</b>	Crystal Lean Solutions
<b>COURSE CODE:</b>	1036

## AIM:

The aim of the course is to provide participants with the knowledge and skills of the fundamentals of Lean within a business environment, enabling a continuous improvement mindset.

## OBJECTIVES:

At the end of the course, learners will be able to:

- ✿ Explain what Lean and Six Sigma are and define the benefits of Lean.
- ✿ Explain the 5 Lean principles.
- ✿ Define the Difference between Value and Waste from a customer's perspective.
- ✿ Identify and reduce the 8 Types of Wastes.
- ✿ Give personal examples of Productive Work and the 8 Wastes and how to improve.
- ✿ Apply the 5S methodology within your work area.
- ✿ Explain the PDCA (Plan Do Check Act) cycle.

## THIS PROGRAMME IS FOR:

This programme is suitable for all roles and levels within a business including:

- ✿ HR
- ✿ Finance
- ✿ Procurement
- ✿ Leadership
- ✿ Operations
- ✿ Project Management
- ✿ Engineers
- ✿ Quality
- ✿ Safety

## **PROGRAMME CONTENT:**

### **Introduction to Lean Thinking**

- ✿ What is Lean and what are the benefits of Lean.
- ✿ Examples of Lean in business
- ✿ Overview of the 5 Lean Principles
- ✿ **Activity:** Lean in Action

### **Introduction to Customer Value and the 8 Types of Waste**

- ✿ 8 Types of Waste (TIMWOOD)
- ✿ Discussion: the 8 wastes in your area and how to improve
- ✿ Case Studies highlighting Value and the 8 Wastes
- ✿ Direct Observation - how to identify productive work and waste activity.
- ✿ **Activity:** Identify and improve the 8 wastes

### **5S Methodology**

- ✿ Introduction to 5S methodology
- ✿ Benefits of 5S in the workplace
- ✿ Overview of the 5 steps within 5S
- ✿ Organising the workplace for Waste Reduction and Safety using the 5S Methodology
- ✿ **Activity:** 5S in Action

### **People and Continuous Improvement**

- ✿ Critical Success Factor for Lean
- ✿ Introduction to PDCA (Plan, Do, Check, Act)

<b>ASSESSMENT:</b>	None
<b>GRADING:</b>	Not Applicable
<b>PROGRAMME DELIVERY:</b>	Classroom or Online
<b>TOTAL DURATION OF THE PROGRAMME INCLUDES:</b>	Half Day
<b>CERTIFICATION CRITERIA:</b>	Attendance of Training
<b>CERTIFICATION BODY:</b>	Crystal Lean Solutions with Engineers Ireland approval of 3 CPD hours
<b>RECOGNITION OF PRIOR LEARNING (RPL):</b>	Not Applicable
<b>PRE-REQUISITE:</b>	None

**OTHER COURSES OF INTEREST FROM THE CLS TRAINING ACADEMY:**



- ☀ Lean Yellow Belt
- ☀ Lean Green Belt
- ☀ A3 Problem Solving
- ☀ Professional Diploma in Leadership
- ☀ Effective Presentation Skills
- ☀ Conflict Management
- ☀ Time Management Skills
- ☀ Scrum Training