



Crystal Lean Solutions

**Training
Academy**

Lean White Belt for Construction



Lean White Belt for Construction

DURATION:	3 hours (Self-Paced)
ACCREDITATION:	CPD Approved by Engineers Ireland
COURSE CODE:	1070

AIM:

This course aims to provide an interactive, self-paced and engaging introduction to Lean White Belt for Construction.

Designed for self-paced learning, it supports learners in developing a clear understanding of core Lean principles, waste reduction, value, flow and continuous improvement within a construction context.

Through practical examples and interactive learning, learners will build the knowledge and confidence to begin applying Lean thinking in the workplace.

OBJECTIVES:

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

- ✿ Understand the core principles of Lean and their application in construction
- ✿ Explain the concept of value and waste within a construction context
- ✿ Identify the 8 wastes and their effect on workflow, productivity and project performance
- ✿ Describe the role of 5S in creating a more organised, visual and efficient workplace
- ✿ Explain how PDCA supports structured problem solving and continuous improvement
- ✿ Develop an awareness of the Last Planner System as a collaborative approach to planning and control
- ✿ Build a foundation for further Lean learning and application in construction projects

THIS PROGRAMME IS FOR:

This course is suitable for all personnel who would like to develop an understanding of Lean and how it can be applied within a construction setting. It is relevant to a wide range of roles across the construction industry, including:

- ✿ Site Manager
- ✿ Contract Manager
- ✿ Commercial Manager
- ✿ Leadership and Directors
- ✿ All Office roles
- ✿ Environment, Health, and Safety
- ✿ QS roles
- ✿ Engineers

PROGRAMME CONTENT:

- ✿ Introduction to Lean Thinking and the 5 Lean Principles
- ✿ The 1st Lean Principle - Identify Value in the eyes of the Customer
- ✿ The 2nd Lean Principle - Mapping the Value Stream
- ✿ The 3rd Lean Principle - Create Flow of Value
- ✿ The 4th Lean Principle - Pull Value Continuously
- ✿ The 5th Lean Principle - Continuous Improvement, the Pursuit of Perfection

ASSESSMENT:	LMS based Final Certification Assessment
GRADING:	Not applicable
PROGRAMME DELIVERY:	LMS based self-paced learning
TOTAL DURATION OF THE PROGRAMME INCLUDES:	3 hours
CERTIFICATION CRITERIA:	LMS Course Completion
CERTIFICATION BODY:	Crystal Lean Solutions with Engineers Ireland approval of 3 CPD hours
RECOGNITION OF PRIOR LEARNING (RPL):	None
PRE-REQUISITE:	None

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



- ✿ Lean Yellow Belt for Construction
- ✿ Lean Green Belt for Construction
- ✿ Last Planner® System Training
- ✿ Scrum Training