

LEAN CONCEPT IN REDUCTION OF WASTE IN THE ORGANIZATION

Reduce waste. Improve flow. Deliver value.

Normal Price: RM2,390 nett/pax
Early Bird: RM2,290 nett/pax
Group (Min. 2 pax): RM2,190 nett/pax

**PHYSICAL
TRAINING**

Course fee includes 8% SST, refreshments, lunch, handouts & cert

5 Aug 2026 – 6 Aug 2026

Iconic Hotel, Penang

Early Bird and Group Promo sign up by 6 Jul 2026

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LEAN

WHY DO INEFFICIENCIES KEEP INCREASING OPERATIONAL COSTS?

Learning Outcomes

Upon completion of this programme, the participants able to:

- Introduction to Lean Principles
- Value Stream Mapping (VSM)
- Waste Identification (Muda)
- Root Cause Analysis (RCA)
- Lean Tools and Techniques
- Leadership in Lean

Who Should Attend?

- Managers and supervisors
- Engineers and executives
- Process and cost owners
- Improvement team members

WHY DO INEFFICIENCIES KEEP INCREASING OPERATIONAL COSTS?

This programme introduces practical Lean Management principles that help organisations eliminate waste, optimise processes, and improve customer value. Originating from the Toyota Production System, Lean focuses on identifying non value activities and creating smooth process flow across operations. Through structured learning, hands on activities, and real workplace examples, participants will gain the skills to analyse processes, identify waste, and apply proven Lean tools. The programme also emphasises leadership roles in driving change and building a sustainable Lean culture.

By the end of the training, participants will be ready to apply Lean thinking immediately to improve efficiency, reduce cost, and enhance overall organisational performance.

Professional Speaker



Dr. Khor Wei Min

(PhD, BKM, MILT & TTT)

Dr Khor earned his PhD in Management and Supply Chain from Universiti Utara Malaysia (UUM) in 2017. With over 35 years of professional experience, he brings extensive expertise in corporate and manufacturing environments, specialising in strategic management, Supply Chain Management, Customer Service and Quality Management and soft skills including organisational behaviour, motivation, leadership and AI.

During his career, he worked across diverse industries, including computer, semiconductor, food, medical devices, aerospace, and more. Notably, he held senior roles at established MNCs like NEC Computers, Dell, Semperit, and a Boeing subsidiary in Malaysia, managing teams from varied backgrounds.

Transitioning to academia full-time in late 2016, Dr. Khor began at KDU before joining TARUC and later Inti International College Penang. At Inti, he served as Head of Program for the MBA and was promoted to Dean of the School of Business and Mass Communication in 2018. Since 2010, he has also facilitated supply chain courses part-time at WOU.

Dr. Khor is a certified Business Process Improvement (Green Belt) practitioner, trained in Lean Management (Shingijutsu Kaizen), and a member of the Chartered Institute of Logistics and Transport Malaysia. He earned the Train-the-Trainer (TTT) certification from HRD Corporation in 2022 and received his Certificate of Accreditation in 2023.

Clients who have benefitted from Dr. Khor's trainings



AND MANY MORE...

Participant's testimonial



W Wan



Tips on communication shared by Dr. Khoo.

O Oo



Learned how can I adapt my communication skills in daily life.

L Lim



The trainer communicates in a clear and direct way.

Sen



I like the engagement with the instructor and participants.

I Ivan



The trainer is very enthusiastic.

H Hasnizah



Interaction in the class

S Sim



We had lot of chances to interact with the speaker and all participants, and to learn together.

C Chiong



I like the interaction and the guidance provided to me.

Day 1 (9 AM - 5 PM)

Module 1. Introduction to Lean Principles

- Overview of Lean Management
- Understanding its origins (Toyota Production System, Taiichi Ohno) and core philosophy.
- The 5 Lean Principles: Value, Value Stream, Flow, Pull, and Perfection.
- Benefits of Lean: Improving quality, reducing costs, enhancing customer satisfaction, and streamlining operations.

Activities: In your group, discuss the areas that can potentially be improved in terms of process and resources, focusing on Costs.

Module 2. Value Stream Mapping (VSM)

- Purpose and benefits of value stream mapping.
- How to map value streams.
- Identifying value-adding and non-value-adding steps in processes.
- Creating a current state and future state map.

Activities: Identify and do a live example of VSM at the training location.

Module 3. Waste Identification (Muda)

- What is Waste?
- 7 Types of Waste (TIMWOOD): Transport, Inventory, Motion, Waiting, Overproduction, Overprocessing, and Defects.
- How to identify waste in various processes.
- Strategies to reduce or eliminate waste.

Activities: Identify in your organization the area(s) linked to the 7 wastes for reduction.

End of Day 1 Training

Day 2 (9 AM to 5 PM)

Module 4. Root Cause Analysis (RCA)

- Techniques for identifying the root causes of problems.
- “5 Whys” Tools
- Fishbone Diagrams (Ishikawa).
- Developing corrective actions based on the root cause.

Activities: Pick one from Module 3 and perform a Fishbone Diagram individually.

Module 5. Lean Tools and Techniques

- Poka-Yoke (Error-Proofing): Preventing mistakes before they happen.
- Takt Time: The rate at which products must be produced to meet customer demand.
- SMED (Single-Minute Exchange of Dies): Reducing setup times in manufacturing.
- Heijunka (Level Scheduling): Balancing production to smooth out workloads.

Activities: Propose areas you can consider to implement Poka-Yoke.

Module 6. Leadership in Lean

- Change Management
- Role of leadership in implementing Lean.
- Implementing a Lean culture.
- Managing change and overcoming resistance to Lean transformation.

Activities: In your group, list down the characteristics of leadership for Lean.

End of Training