



FMM INSTITUTE

(C10626805080/ 199901000527/ 475427-W)

Centre for Professional Development



LEAN

ELAK PEMBAZIRAN & CIPTA KEKAYAAN MENERUSI LEAN MANUFACTURING SYSTEM (LMS)

Kursus praktikal ini menggabungkan pembelajaran di dalam kelas, latihan amali, perbincangan kumpulan, dan kajian kes dengan projek berasaskan kilang sebenar. Ia direka untuk memastikan peserta pulang dengan pengetahuan, alatan, kemahiran dan pengalaman langsung tentang cara melaksanakan LMS dalam persekitaran syarikat yang nyata.

KEHADIRAN PESERTA

- Pengurus, Jurutera, Eksekutif dan Penyelia
- Sesiapa sahaja yang ingin memperkenalkan Sistem Pembuatan Lean dalam organisasi mereka.

All cancellations must be made in writing. There will be no charge for cancellation received 7 or more working days before the start of the programme. Cancellation received 5 working days before the start of the programme is subjected to a cancellation fee of 50% of the course fees. Cancellation received 3 working days and below before the start of the programme is subjected to cancellation fee of 100% of the course fees. If the participant fails to attend the programme, the full course fees are payable. However, replacement can be accepted at no additional cost.

ADMINISTRATIVE DETAILS

Date	: July 6-7, 2026 (Monday-Tuesday)
Time	: 2 Days (9:00 am - 5:00 pm)
Venue	: FMM Institute, Johor Branch No. 1 & 3, Jalan Kencana Mas 1/1, Tebrau Business Park III, 81100 Johor Bahru, Johor
Fees	: RM 1,215.00 (FMM Member) RM 1,350.00 (Non member) <i>The fee inclusive Service Tax at 8%</i> <i>(SST No: W10-1901-32000105)</i>
Closing Date	: June 22, 2026 (Monday)
Training Provider	: FMM Institute Johor MYCOID: 475427W_JOHOR



OBJEKTIF KURSUS

- Memperkenalkan konsep-konsep **Lean Manufacturing**
- Mampu merangka program Sistem Pembuatan Lean (LMS) yang lengkap dan bersesuaian dengan budaya syarikat.
- Mampu menguruskan aktiviti LMS secara berkesan bagi mencapai matlamat yang ditetapkan.
- Mampu menggunakan pelbagai alatan dan teknik untuk pelaksanaan LMS>

MANFAAT PESERTA

Selepas mengikuti kursus ini, peserta akan:

- Mampu menerajui organisasi dalam pelaksanaan LMS
- Menguruskan program LMS dengan berkesan
- Menggunakan teknik dan alatan yang relevan untuk pelaksanaan LMS
- Memulakan semula atau menghidupkan kembali program LMS yang pernah gagal sebelum ini.

FACILITATOR

EDMUND LEE – was graduated with an Honor Degree in Industrial Engineering from Ohio, USA. His academic background set him a strong foundation in the field of quality, productivity, and business excellence. He has been in training and consultancy field for more than 20 years.

He began his career as an engineer in production, engineering, and quality field in a manufacturing sector where he was tasked to enhance the productivity and quality through kaizen, lean manufacturing as well as six sigma. He was among the selected engineer to be given the opportunity of short term attachment in Japan to learn and expose to the truly Japanese way of kaizen and lean programs.

He then pursued his career in consulting and training by joining the international renowned consulting firm Neville Clarke. Due to his job performance, he was promoted as the key management position in leading the regional office. He has gained an extensive experience from various industries and a wide exposure in sector specific best practices. He is known to be a high impact, experienced, and a passionate trainer. He was an invited honorable speaker for organization such as MPC, CIDB, SME, Southern College, etc on topics related to organizational excellence.

He has also spent much of his career in assisting small to multinational corporations in establishing and implementing management system with the goal of enhancing productivity, streamlining operating cost and achieving corporate objectives. As a consultant, he applied his project management skills effectively through leadership by role model, knowledge transfer, and effective coaching and guidance, and he made sure that people would be hands on by acquiring relevant knowledge and skills. His belief of management system has always been something practical, user friendly, and value added.



HARI	MASA	SESI & KANDUNGAN
1	0900-1030	Seksyen 1: Pengenalan kepada Pembuatan Lean <ul style="list-style-type: none">• Strategi untuk bertahan dalam industri• Matlamat & manfaat LMS (Sistem Pembuatan Lean)• Perbezaan Lean vs. Six Sigma• Pengeluaran Massa (Mass Production) vs. Pengeluaran Lean• Peta Jalan (Roadmap) LMS• Strategi pencapaian luar biasa (Breakthrough)• Kotak alatan Lean (Lean Tools Box)
	1030-1045	Minum Pagi
	1045-1230	Seksyen 2: Mengenalpasti Tujuh Pembaziran Utam (Seven Deadly Waste) <ul style="list-style-type: none">• Situasi sebenar di kilang• Tujuh jenis pembaziran berserta contoh praktikal• Strategi untuk menghapuskan tujuh pembaziran tersebut• Kesan pengurangan pembaziran terhadap kualiti, penghantaran, masa henti mesin, kepuasan pelanggan dan lain lain
	1230-1330	Makan Tengahari Hari
	1330-1700	Seksyen 3: Memudahcara Aliran (Facilitating Flow) <ul style="list-style-type: none">• Pemetaan Aliran Nilai (Value Stream Mapping-VSM)• Perataan Pengeluaran (Leveling Production)• Penjadualan "Tolak" vs."Tarik" (Push vs. Pull)• Sistem Kanban dan Sistem Tarikan• Susun atur & aliran pengeluaran• Sistem pengeluaran JIT (Just-In-Time)



HARI	MASA	SESI & KANDUNGAN
2	0900-1230	Seksyen 4: Teknik Praktikal Imbangan Talian (Line Balancing) <ul style="list-style-type: none">• Carta imbangan talian• Langkah & teknik dalam imbangan talian• Klasifikasi “Bottleneck” (Kesesakan)• Mengenalpasti lokasi “Bottleneck”• Strategi imbangan talian
	1030-1045	Minum Pagi
	1045-1230	Seksyen 4: Teknik Praktikal Imbangan Talian (Sambungan) <ul style="list-style-type: none">• Carta imbangan talian (Line Balancing Chart)• Langkah-Langkah dan teknik dalam imbangan talian• Klasifikasi “ Bottlenecks” (Kekangan/Kesesakan)• Cara mengesan lokasi “Bottlenecks”• Strategi imbangan talian secara menyeluruh
	1230-1330	Makan Tengahari Hari
	1330-1500	Seksyen 5: Pengurangan Masa Persediaan Mesin (SMED) <ul style="list-style-type: none">• Langkah-langkah pengurangan masa persediaan• Pengenalan kepada SMED (Single-Minute Exchange of Dies)• Persediaan Dalaman (Internal) & Luaran (External)• Methodologi mengurangkan masa persediaan mesin• Contoh praktikal untuk persediaan mesin yang pantas
	1515-1700	Seksyen 6: Melaksanakan Sistem Pembuatan Lean <ul style="list-style-type: none">• Rangka kerja penempatan (deployment) Lean• Menghubungkan projek Lean dengan matlamat perniagaan• Cara mengenalpasti projek yang tepat• Ganjaran dan pengiktirafan• Menguruskan perubahan (Managing change)



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JULY 6 - 7 , 2026 | VENUE: FMM INSTITUTE, JOHOR BRANCH

FMM Institute (475427-W)

Puan Sabrina / Pn. Astri / Pn. Ain

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Please tick accordingly:

- Fees: **FMM Member: RM 1,215.00/pax**
(inclusive of 8% Service Tax (SST No: W10-1901-32000105))
- Non Member: RM 1,350.00/pax**
(inclusive of 8% Service Tax (SST No: W10-1901-32000105))

Dear Sir/Madam,

Please register the following participant (s) for the above programme:

(To be completed in BLOCK LETTERS)

1.Name:	IC No:	Nationality:
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Designation:	Email:	Mobile No.:
-----	-----	-----
2.Name:	IC No:	Nationality:
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Designation:	Email:	Mobile No.:
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(if space is insufficient, please attach a separate list)

Disclaimer

Registration is on a first-come first-served basis. All cancellations must be made in writing. There will be no charge for cancellation received 7 or more working days before the start of the webinar. **Cancellation received 5 working days** before the start of the webinar is **subject to a cancellation fee of 50%** of the webinar fees. **Cancellation received 3 working days and below** before the start of the webinar is **subject to a cancellation fee of 100%** of the webinar fees. **If the participant fails to attend the programme, the full webinar fees are payable.** However, replacement can be accepted at no additional cost. The FMM Institute reserves the right to change the speaker, reschedule or cancel the webinar and all efforts will be taken to inform participants of the changes.

We hereby confirmed that (please tick accordingly):

We will be claiming under **HRD CORP CLAIMABLE COURSES** and full payment would made to FMM Institute in the event that no disbursement from HRD Corp under any circumstances.

I (self-sponsor) / We will **NOT BE CLAIMING** under **HRD CORP CLAIMABLE**. Payment will be made to the account payee **FMM Institute** by cheque or bank transfer to **Maybank Account No. 501280056601**.

Tin No. : C10626805080

BRO No. : 475427-W

SST No. : W10-1901-32000105

Submitted by:

Name: _____ Email: _____

Designation: _____ Tel No: _____ Moblie No: _____

Company: _____ Address: _____

Tin No. : (Company Tax Number) _____ Business Registration No. (New/Old) _____ SST No (If Applicable): _____

Company Stamp & Signature: _____ Date: _____