

MACHINING DX COURSE

Practical training for machining productivity, process improvement, and DX implementation

This program supported by AMEICC to help manufacturing professionals improve machining performance through lean thinking, real-time production visibility, digital data utilization, and machining process optimization.

Participants will gain practical knowledge and hands-on experience to reduce losses, improve productivity, and support DX implementation on the shop floor.

LIMITED SEATS AVAILABLE

Only 30 participants per batch

Only 6 batches available

3 LEARNING PILLARS



Lean Transformation



DX for Machining Processes



Machining Productivity & Quality Improvement

KEY BENEFITS

Reduce cost and Improve Quality

Improve productivity and efficiency

Strengthen data-driven problem-solving

Gain hands-on experience with CNC & digital tools

Support practical DX implementation

QUALIFICATIONS

- Engineers or Machining leader responsible for troubleshooting machining process issues on the production line.
- Individuals seeking to improve or optimize machining production processes.
- Tool Engineers, Production Engineers, and Process Engineers.
- Related fields.

SPECIAL SUBSIDY

**COURSE FEE
THB 5,000
PER PARTICIPANT**

(Regular price: THB 10,000 — supported by AMEICC)

REGISTER NOW!!
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LEARNING TOPICS



Day 1

Machining DX Overview

- Introduction to DX in manufacturing
- Industry trends, lean management, and OEE
- IoT applications for daily operations
- Real-time data visualization and machine monitoring
- Fundamentals of CNC automatic lathes and machining factors



Day 2

Machining Process & BKD Mechanism

- Understanding BKD issues in machining
 - Root cause analysis and troubleshooting
 - Tooling design and cutting condition optimization
 - DX tools for process monitoring and improvement
 - Hands-on demonstrations and practical exercises
- *BKD :Bari, Kiriko, Dent



Day 3

BKD Countermeasures & Advanced DX

- Burr reduction and surface quality improvement
- Tool path optimization and machining accuracy enhancement
- Data analysis for productivity improvement
- Integration of monitoring systems and digital tools
- Case studies, group workshops, and wrap-up

TRAINING SCHEDULE

BATCH	DATE	BATCH	DATE
Batch 1	08 -10 July 2026	Batch 4	14 - 16 October 2026
Batch 2	04 - 06 August 2026	Batch 5	27 - 29 October 2026
Batch 3	01 - 03 September 2026	Batch 6	03 - 05 November 2026

TRAINING VENUE

Sumipol Institute of Manufacturing Technology (SIMTEC)

Amata City Rayong Industrial Estate
7/32 Moo 3, Bowin, Siracha, Chonburi 20230, Thailand

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