Machining DX

Entity Overview

	Company name	Location
Representative (Training provider)	SUMIPOL GROUP LIMITED	Chonburi, Thailand

Business overview

A technical learning center supported by 14 public and private organizations and leading Japanese manufacturers, focused on Industry 4.0 training through hands-on demonstrations in the EEC area.

Partner organization	1.) Sumipol Corporation Limited 2.) Citizen Machinery Asia Co., Ltd. 3.) Sumitomo Electric Hardmetal Manufacturing (Thailand) Co., Ltd.

Training Overview

Training site	Sumipol Institute of Manufacturing Technology (SIMTEC)
Project period	28th April 2026 – 31st January 2027
Training period	3 days (18 hours) in total
Participation fee	10,000 THB/person (1/2 will be subsidized)
Language	Thai
Target trainees	1. Engineers or Leader responsible for troubleshooting machining process issues on the production line. 2. Individuals seeking to improve or optimize machining production processes. 3. Tool Engineers, Production Engineers, and Process Engineers. 4. Technical Related fields.

Training attributes

Training Field: DX

Course Type: Lecture

Basic Knowledge: Required

Applicable Industry: Manufacturing Industry

Highlight of Training Benefit: DX: To gain practical CNC & digital transformation skills

Contents of Training

The **Machining DX** training program is designed to strengthen the capabilities of Thailand's manufacturing workforce by integrating practical machining knowledge with modern **Digital Transformation (DX)** and **Green Transformation (GX)** concepts. The program addresses the urgent need for **productivity improvement**, **energy efficiency**, and **data-driven decision-making** in machining operations, particularly within the automotive and metalworking industries.

The training consists of three core modules: Lean Transformation, Digital Transformation for Machining Processes, and Machining Productivity and Energy Saving. These modules provide participants with a comprehensive understanding of waste reduction, real-time production visibility, digital data utilization, CNC optimization, and practical problem-solving approaches for machining operations.

Expected Training Benefits

1. Expected training benefit

- The program enhances digital technology capabilities in manufacturing, improving data accuracy, faster analysis, quicker problem-solving, and data-driven process improvement.

2. Participants benefit

- Participants will gain knowledge and practical skills in digital transformation, lean production, and quality problem-solving to improve production efficiency and support digital factory implementation.

3. Factory benefit

- Factories can strengthen digital transformation and manufacturing competitiveness while developing personnel more efficiently and reducing training investment costs.

How to Apply for Training

Please contact via the email address below for the application.

Email: info@simtec.or.th Website: www.simtec.or.th