



**Metals Industry Research and Development Center
Mold Technology Support Center**

2025 FACE-TO-FACE PROGRAMS

<u>Title of Program /Duration/Course Description</u>	<u>Schedules/ Day/Time</u>	<u>Seminar Fee</u>
<ul style="list-style-type: none"> • Technical Drawing This course aims to refine skills in advanced drafting techniques, including the use of industry-standard software and tools while emphasizing best practices in documentation and communication. 	February 10-14 May 12-16 September 15-19	PhP 9,000
<ul style="list-style-type: none"> • NX CAD Fundamental Course Covers topics such as NX CAD design tools and setting new standards for speed, performance and ease of use. 	June 23-27 September 8-12	PhP 9,000
<ul style="list-style-type: none"> • NX Mold Wizard Design Process Introduces NX mold wizard to create mold design parts and perform simulation. 	April 28-30 August 5-7	PhP 5,200
<ul style="list-style-type: none"> • Mold Assembly Using NX Introduces NX CAD software to create mold parts and perform mold assembly. 	May 6-8 November 4-6	PhP 5,200

(Prices may increase without prior notice)

***Venue: Mold Technology Support Center (MTSC), Pacific Avelex Realty Corp., Lot 434
Brgy. Bacao II, CEZ**



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<ul style="list-style-type: none"> • Plastic Product Development Discusses the concept of plastic product development, different part design considerations, the importance of product development using CAD software, types of plastic materials, and 3D printing using a 3D printer 	April 01-03 August 12-14	PhP 5,400
<ul style="list-style-type: none"> • Plastic Injection Mold Design Discusses standards and tolerances in mold designing including materials and uses NX CAD software for solid modeling. 	March 17-21 July 7-11 October 13-17 December 15-19	PhP 9,400
<ul style="list-style-type: none"> • Plastic Injection Mold Making Process Provides knowledge in identifying the different machine tool operations; and, creates a simple CNC Milling machine program and NC Grinding operations. 	March 10-14 May 19-23 July 21-25 October 20-24	PhP 9,400
<ul style="list-style-type: none"> • Plastic Injection Mold Assembly Covers topics such as mold structure and types and performs assembly and disassembly of mold. 	February 4-6 April 07-10 July 2-4 September 3-5	PhP 6,700

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<ul style="list-style-type: none"> • Plastic Injection Molding Machine Programming and Operation <p>Aims to provide skills and knowledge in plastic injection molding machine programming and operation using the WOOJIM PLAImm plastic injection machines.</p>	January 22-24 March 4-6 July 29-31 December 3-5	PhP 6,700
<ul style="list-style-type: none"> • Value Analysis/Value Engineering for Die and Mold Industry <p>Discusses value formation, improvement function analysis, cost consciousness, systematics (DIN 69910), and application of VA/VE on die and mold.</p>	June 9-11 November 3-5	PhP 6,200
<ul style="list-style-type: none"> • Advanced Technical Drawing <p>It provides a comprehensive introduction to developing 3D models and 2D documentation drawings.</p>	February 17-21 July 14-18 September 22-26 November 17-21	PhP 8,300

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<ul style="list-style-type: none"> • Conventional Milling Machine and Operations <p>It aims to provide a comprehensive understanding of the core concepts and principles behind conventional milling machines, as well as the various operations that these machines perform. This includes an exploration of the machine's components, functions</p>	<p>January 28,30,31 April 2-4 August 18-20 November 24-26</p>	PhP 6,000
<ul style="list-style-type: none"> • Conventional Grinding <p>Provide an overview of the key principles and functions of conventional surface grinding machines, including how they are used in machining processes, the types of tasks they are designed to perform and tackles the safety procedures when operation.</p>	<p>March 27-28 June 25-26 November 27-28</p>	PhP 4,000
<ul style="list-style-type: none"> • CNC Mill Programming using Autodesk Powermill <p>Provides knowledge in operation and programming CNC milling machines, coding and encoding of programs using G codes and M codes</p>	<p>June 3-5 October 7-9</p>	PhP 10,200

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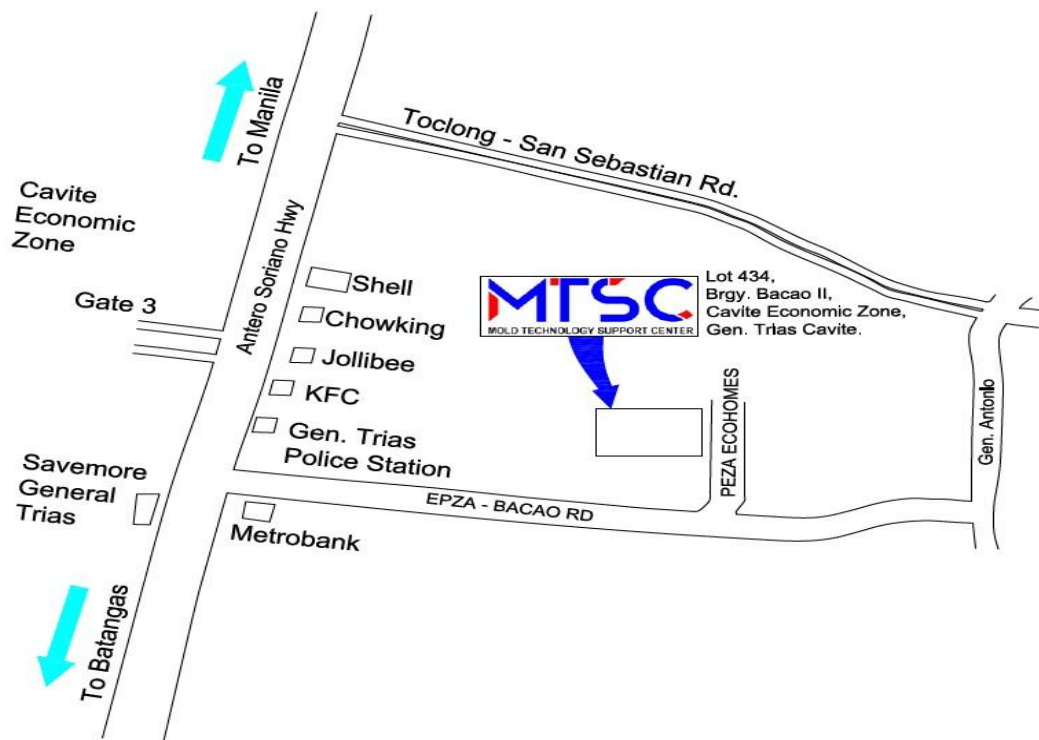


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Other trainings offered:

CNC EDM Wire-Cutting, Programming, and Operation
CNC EDM Sinking, Programming, and Operation
CNC Milling Programming and Operation
Basic Coordinate Measuring Machine (CMM) Operation
Mold Assembly
Mold Processing
Mold Design

Location Map



Notes:

- MIRDc-MTSC also designs programs suited to your training needs
- Training programs can also be accommodated in-house
- For reservations, fill out the attached Reservation Form and send it through email
- Online reservation is also available

For more information, write or call:

Mold Technology Support Center
Email: mtsc@mirdc.dost.gov.ph
Facebook: facebook.com/mtsc.mirdc
Website: www.mirdc.dost.gov.ph