

HYDRAULICS AND MECHANICAL BASICS FOR DIE CASTING - FRECH SYSTEMS

This foundational course introduces the mechanical systems at the core of high-pressure die casting machines, with a specific focus on FRECH hot and cold chamber machines.

Experience Center 1

Topics covered:

- Mechanical fundamentals (force, torque, motion, friction)
- Fundamentals of hydraulic power and fluid behavior
- FRECH hydraulic architecture: system and function
- Schematic Interpretation
- FRECH die casting machine structure and components
- Die cast machine leveling and shot end alignment
- Preventative maintenance and troubleshooting

Price: \$1,900 per person Dates: October 29-31, 2025

Duration: 2.5 days **Location:** Frech USA.

> 6000 Ohio Street. Michigan City, IN 46360

Includes:

- Technical Education Documentation
- Lunch each day
- Certificate of completion

Format: Instructor-led classroom with

hands-on demonstrations.

Who: Operators, Maintenance, Engineering

Prerequisites: None required.

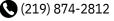
WHERE DIE CASTING PROCESSES ARE DEVELOPED & IMPROVED

The Experience Center is designed to give customers a hands-on environment to explore, test, and optimize die casting processes using advanced FRECH technology.

The Experience Center is equipped with fully functional FRECH Group technologies, providing a complete, integrated die casting solution.

Experience Center

Instructor: Caleb Giovannucci





(219) 874-2812 cgiovannucci@frechusa.com



https://www.frechusa.com/our-services/training













Course Registration

FRECH HYDRAULICS AND MECHANICAL BASICS

TRAININ	IG COORDINATOR OR MAIN CO	ONTACT			
COMPANY			TITLE		
COMPAI	NY ADDRESS - STREET NAME				
CITY			STATE ZIP		
EMAIL A	ADDRESS				
PHONE NUMBER			PURCHASE ORDER #		
\$1,900.0	0 PER SEAT (PLEASE FILL IN	HOW MANY SEAT	NEEDED)		
	NAME	TITLE		EMAIL	PRICE
1					
2					
3					
4					
				TOTAL	
SEND TO:					
BRENDA RUNNELS, CONTROLLER BRUNNELS@FRECHUSA.COM		219 - 243 - 83	300 M	401 Kieffer Rd. ichigan City, IN 46360	Holiday Inn Express





6000 Ohio St. Michigan City, IN 46360 DIE CASTING EXCELLENCE WWW.FRECHUSA.COM











BY IHG -