



Gleason Gear School 2022

On-Site Gear School

Class Number

C-GGA50

Technology

Cylindrical

Level

Basic and intermediate

Target Group

Anyone in the gear industry who wants a basic knowledge of the fundamentals of gears.

Training Location

Gleason Cutting Tools
1351 Windsor Rd.
Loves Park, IL 61111 USA

Class Duration

In-House: 3 days

Date

September 19-22, 2022

Training Contact

Tamara Spencer
+1 (815) 639-4212
gctctraining@gleason.com

Language

All classes in Loves Park are taught in English. If an interpreter is required, please contact us for specific details.

This Training Provides

- A comprehensive 3-day program blending shoptime and classroom study.
- A coordinated series of lectures is presented by engineering, production, inspection and sales staff.
- An ideal course for those seeking to understand the fundamentals of involute gear geometry, nomenclature, manufacturing and inspection.
- Training groups are kept small so that individual concerns may be fully addressed. Students are welcome to bring sample gear prints and inspection charts for discussion and interpretation.
- Shop tours and demonstrations to visually enhance classroom discussions.

Upon Completion

A certificate is issued with successful completion.

Getting Started

The fee of \$895 per person (group rates available), includes handbook and all materials, one group dinner and all lunches.

Scan QR-Code for more information.

Topics Covered:

Fundamentals

- Gear and spline nomenclature
- The involute
- Gear types
- Gear equations

Cutting Tool Materials and Coatings

Gear Cutting

- Hobbing
- Shaping
- Power Skiving

Gear Inspection

- Function
- Analytical
- Automatic and semi-automatic
- Chart interpretation – analytical and functional

Tours and Problem Solving

- Gleason Cutting Tools plant tour
- Off-site tour of a complete gear manufacturing facility
- Individual instruction and specific problems

Workholding

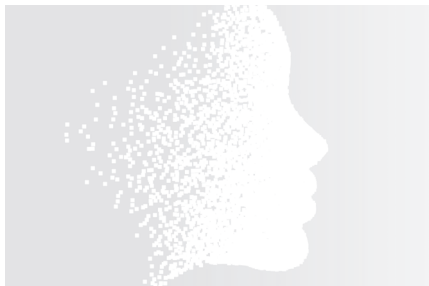
Soft and Hard Gear Finishing

- Hard Power Skiving
- Skive hobbing
- Honing
- Profile and threaded wheel grinding



On-Site

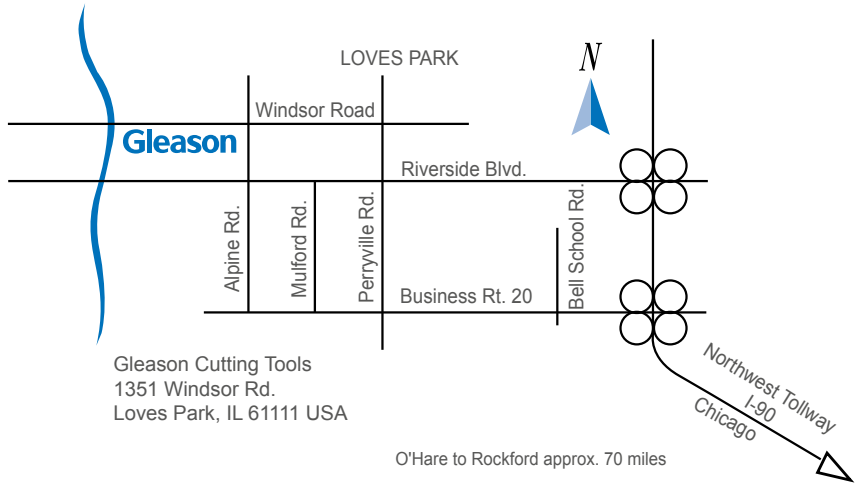
Scan for more information and reservation.



Virtual

Scan for more information and registration.

Directions to Gleason Cutting Tools



Our facilities in Loves Park, Illinois include substantial training and technology development resources.

Gleason

Gleason Cutting Tools
1351 Windsor Rd.
Loves Park, IL 61111 USA
Tel. +1 815 639 4201
gctc@gleason.com