



Class GSU-3: 3D-MC Machine System Operation

Class Description:

3D-MC Machine System Operation is a one day, instructor led, onsite class. This class is designed to provide students with a working knowledge of all of the applications of the 3D-MC machine control software. There will be a brief class room session to go over the theory of GNSS and 3D-MC. The majority of the class will be out on the jobsite working with the machine.

Objectives:

Upon completion of this class, the student will know how to perform the daily set up of machines, all necessary calibrations, and how to input the correct measurements in the Machine Builder. The student will also know the different uses and applications of the 3D-MC system. Basic troubleshooting of the system will also be covered.

Syllabus:

- Overview of 3D-MC Equipment
- Basics of GNSS
- Machine Setup (Machine Builder)
- Sensor and Valve calibration
- Gain Settings
- File Structure and Copying
- Building Surfaces in Control Box
- Uses and Applications
- MMGPS Setup and Use
- Troubleshooting

