Genesis Systems offers a variety of classes at our Davenport, Iowa headquarters. Whether you need safety, programming or maintenance classes, Genesis offers robot training from experienced instructors to help robot operators keep up to date with the latest best practices. With small, personalized classes, all Genesis training courses aim for 20% class time and 80% hands on time with robotic work cells, with a 2 to 1 student to robot ratio, so that all students get the knowledge they need to make an impact on your bottom line.

Course Objectives
- Safely operate and maintain a Genesis system
- Create, touch-up and modify programs as necessary to meet the customer's production requirements

Main Topics
- Manual movement of the robot and auxiliary axis in joint world and tool
- Create programs and set up the detail screen in the Select screen
- Write programs including weave welds, circle weld and linear welds
- Touch-up and modify weld programs
- Edit programs including insert, delete, copy and paste
- Set-up weld schedules for GMAW and GMAW_P processes
- Utility programs including torch alignment, write alignment and torch clean operations
- Program the instruction set including calls, waits, timers, remarks, override, registers, I/O, user frame and tool frame
- Sift programs
- Position registers including creating a circle program with one point
- Power up procedures
- System operation

Course Duration
- (4) days, Monday through Thursday
- 8:00 A.M. to 4:00 P.M.

Student Profile
- Intended for participants who must create programs, jog or touch up programs, system operators, technicians, engineers and programmers.

Prerequisites and Recommendations
- A working knowledge of welding is recommended but not required.

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