Processing Classes Led by Tim Weston

Milacron and Tim Weston bring together decades of plastics molding experience. We provide technical plastics processing training programs among the highest available to the industry. Tim is looking forward to providing solutions to your tooling, setup, processing and troubleshooting needs. These classes are available at our Batavia, OH headquarters or can be scheduled on-site at your location.

Course Title	Date	Time (EST)
Mosaic Processing I, Control Utilization & Cycle Development	Aug 6-8	8:00 am – 5:00 pm (Tu) 8:00 am – 5:00 pm (We) 8:00 am – 2:00 pm (Th)
	TBD	
Mosaic Processing II, Process Optimization & Troubleshooting	Nov 5-7	8:00 am – 5:00 pm (Tu) 8:00 am – 5:00 pm (We) 8:00 am – 2:00 pm (Th)
	TBD	
Roboshot Processing I, Control Utilization & Cycle Development	Feb 20-22	8:00 am – 5:00 pm (Tu) 8:00 am – 5:00 pm (We) 8:00 am – 2:00 pm (Th)
	TBD	
Roboshot Processing II, Process Optimization & Troubleshooting	Mar 19-21	8:00 am – 5:00 pm (Tu) 8:00 am – 5:00 pm (We) 8:00 am – 2:00 pm (Th)
	TBD	

See general Course Descriptions on the following pages.

Cost

The cost for each 3-day session at our Batavia, OH plant is $1,500 per student. Custom on-site classes are also available. Contact us for dates to meet your scheduling needs.

For more information on any of the training described above, please call 513-536-2746 or email training@milacron.com. Thank you for your interest in training services from Milacron.

08-01-2023

Mosaic Processing I, Control Utilization & Cycle Development

This class is a comprehensive hands-on study of Mosaic control capabilities. Students will learn how to maximize the features of the Mosaic control system as they build robust processes. Sessions include solutions for fill and packing related defects, velocity and pressure setup, alarm, and fault menus, shot traces and SPC menus. The role of tooling and plastic materials in developing efficient, profitable cycles will also be discussed.

Course Outline

- Control overview, setup & capabilities
- Control operation, screens & diagnostics
- Injection transfer mode options
- Injection velocity control & filling
- Shot traces, process monitoring & SPC
- Process diagnostics & troubleshooting
- Solutions to fill & packing related defects
- Plastic materials & their characteristics

Hands-On Exercise

Tasks include data driven machine start up, short shot corrections and process diagnostic and troubleshooting exercises.

Recommended For

Staff involved in machine setup and operation
Production and Quality Assurance staff
Other support staff, including sales, purchasing, accounting, etc. interested in learning how the molding process works and how to better communicate about the process and processing issues.

Mosaic Processing II, Process Optimization and Troubleshooting

This class is designed to “Improve the Process” by reducing cycle time and scrap rate. Sessions include machine setup and processing techniques, processing parameters relating to part quality to optimize each portion of the process and troubleshooting molded part defects.

Course Outline

- Control overview, setup & capabilities
- Setup and processing considerations
- Cavity fill rate, transfer, pack & hold options
- Shot size and cushion control
- Evaluating shot traces, process monitoring & SPC
- Temperature control and cooling rate
- Tooling considerations
- Process diagnostics and troubleshooting
- Plastic materials & their characteristics

Hands-On Exercise

Tasks include data driven process diagnostics and troubleshooting exercises.

Recommended For

Advanced staff involved in process optimization and troubleshooting
Process Engineers, Application Technicians
Other support staff, including sales, quality, purchasing, accounting, etc. interested in more details about controlling dimensions and defects in Injection Molding.

Roboshot Processing I, Control Utilization and Cycle Development

This class is a comprehensive hands-on study of Roboshot control capabilities. Students will learn how to maximize the features of the Roboshot control system as they build robust processes. Sessions include solutions for fill and packing related defects, velocity and pressure setup, alarm, and fault menus, shot traces and SPC menus. The role of tooling and plastic materials in developing efficient, profitable cycles will also be discussed.

Course Outline

- Control overview, setup & capabilities
- Control operation, screens & diagnostics
- Injection transfer mode options
- Injection velocity control & filling
- Shot traces, process monitoring & SPC
- Process diagnostics & troubleshooting
- Solutions to fill & packing related defects
- Plastic materials & their characteristics

Hands-On Exercise

Tasks include data driven machine start up, short shot corrections and process diagnostic and troubleshooting exercises.

Recommended For

Staff involved in machine setup and operation
Production and Quality Assurance staff
Other support staff, including sales, purchasing, accounting, etc. interested in learning how the molding process works and how to better communicate about the process and processing issues.

Roboshot Processing II, Process Optimization and Troubleshooting

This class is designed to “Improve the Process” by reducing cycle time and scrap rate. Sessions include machine setup and processing techniques, processing parameters relating to part quality to optimize each portion of the process and troubleshooting molded part defects.

Course Outline

- Control overview, setup & capabilities
- Setup and processing considerations
- Cavity fill rate, transfer, pack & hold options
- Shot size and cushion control
- Evaluating shot traces, process monitoring & SPC
- Temperature control and cooling rate
- Tooling considerations
- Process diagnostics and troubleshooting
- Plastic materials & their characteristics

Hands-On Exercise

Tasks include data driven process diagnostics and troubleshooting exercises.

Recommended For

Advanced staff involved in process optimization and troubleshooting
Process Engineers, Application Technicians
Other support staff, including sales, quality, purchasing, accounting, etc. interested in more details about controlling dimensions and defects in Injection Molding.