



Morrilton Green Bay Packaging Training Site 2023 Mechanical Course Schedule (Jan.-July)



All courses 7 a.m. to 3:30 p.m.
Registration fee: \$300 (\$595 for Machine Shop)
Location: 1001 E Broadway St, Morrilton, AR

Wednesdays: Jan. 4th—Feb. 1st (No off-week) \$300 Registration

Millwright Practices

Training will focus on rebuilding and setting up equipment. Participants will learn how to set and align gears and sprockets, the fundamentals of bearings and lubrication, and best practices for precision/laser alignment.

Thursdays: Jan. 5th—Feb. 2nd (No off-week) \$300 Registration

Introduction to Hydraulics and Hydraulic Equipment

Covers Hydraulic Principles, types of hydraulic fluids and characteristics. Describes components of the hydraulic system and their functions, including filters and strainers, reservoirs and accumulators, pumps, piping, tubing and hoses, control valves, relief valves, and actuating devices. Covers a variety of cylinders and hydraulic motors.

Wednesdays: Feb. 8th—March 8th (No off-week) \$300 Registration

Pump Systems for Industrial Applications

How pumps are used and the principles of their operation. Covers a wide variety of pumps, including reciprocating pumps and various kinds of rotary pumps. Covers pump hydraulics. Covers maintenance of pumps, including the replacement of packing glands, seals, and bearings.

Thursdays: Feb. 9th—March 9th (No off-week) \$595 Registration

Machine Shop Practices

This course will focus on developing lathe and manual milling machine skills. Not to be confused with CNC skills, this course will teach students the basics of layout, sharpening drill bits and cutting tools, and building customized parts.

Wednesdays: March 29th—April 26th (No off-week) \$300 Registration

Basic Welding: Welding Fundamentals and Mechanical Layout

This course covers how to lay out motor bases and flanges by using simple trigonometry formulas. Participants will learn how to weld on flat plate, as well as determine machine settings and appropriate rod sizes to use and number codes on welding electrodes.

Thursdays : March 30th-April 27 (No off-week) \$300 Registration

Millwright Practices

Same as Millwright description above.

Wednesdays: May 3rd—May 31st (No off-week) \$300 Registration

Intermediate Welding

Participants will learn how weld vertical stick and how to layout pipe joints while building on the skillset learned in the Basic Welding course. Basic Welding is a prerequisite for this course.

Thursdays : May 4th—June 1st (No off-week) \$300 Registration

Pump Systems for Industrial Applications

How pumps are used and the principles of their operation. Covers a wide variety of pumps, including reciprocating pumps and various kinds of rotary pumps. Covers pump hydraulics. Covers maintenance of pumps, including the replacement of packing glands, seals, and bearings.

Wednesdays: June 14th—July 19th (Off-week of July 5th) \$300 Registration

Introduction to Hydraulics and Hydraulic Equipment

Same as Hydraulics description above.

Thursdays : June 15th—July 20th (off-week of July 6) \$595 Registration

Machine Shop Practices

Same as Machine Shop description above.

To register, contact:

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