



Morrilton Green Bay Packaging Training Site 2022 Mechanical Course Schedule (Aug.—Dec.)



GREEN BAY
PACKAGING

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: August 3rd—August 31st (No off-week)

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: August 4th —September 1st (No off-week)

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: October 12th—November 2nd (No off-week)

Pump Systems for Industrial Applications - \$240 reg (due to being a 4-week class)

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: October 13th—November 3rd (No off-week)

Machine Shop Practices – \$476 per person (due to being a 4-week class)

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: November 16th —December 21st (off week of Nov 23rd)

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 : November 17th—December 22nd (off week of Nov 24th)

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.

To register, contact:

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