



Morrilton Green Bay Packaging Training Site 2021 Mechanical Course Schedule

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



Thursdays: January 7th—February 11th (off-day of Feb 11th) (6 people max)

Mechanical Layout: mechanical mathematics, basic welding, and pipe fitting

Covers how to lay out motor bases and flanges by using simple trigonometry formulas. Participants will learn how to fabricate and weld pipe joints, as well as determine machine settings and appropriate rod sizes to use and number codes on welding electrodes.

Thursdays: February 18th—March 18th (No off-day) (6 people max)

Pumps 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: April 1st—April 29th (No off-day) (6 people max)

Millwright Practices

This course combines aspects from the following courses: Bearings and Lubrication, Maintenance of Mechanical Drives, and Precision/Laser Alignment. Training will focus on rebuilding and setting up equipment.

Thursdays: May 6th—June 3rd (No off-day) (6 people max)

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.

Thursdays: June 17th—July 15th (No off-day) (6 people max)

Machine Shop Practices (\$595 registration fee). 6 students maximum or 2 per company.

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.

To register, contact:

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