

Division of Youth Services
Residential Treatment Facilities Vocational Programs

The Paxton Patterson Building Skills Programs (Mansfield, Lewisville, and Dermott) are designed to enable students to learn if their interests and aptitudes are well-suited for a construction career. These construction trade areas are hands-on and provide the students the opportunity to work collaboratively in several construction trade areas. The vocational teachers at Lewisville, Dermott, and Mansfield have been trained to utilize this program.

Students will explore the following objectives:

Drywall

1. Identify basic tools and equipment used in the drywall trade.
2. Identify and describe materials used in the drywall trade.
3. Gain an understanding of basic construction for drywall application.
4. Install, tape and plaster a drywall application.
5. Explore the applied science and applied mathematics of the trade.

Electrical

1. Identify basic tools and equipment used in the electrical trades.
2. Identify and describe components and materials used in the electrical trades.
3. Perform activities in a safe and professional manner.
4. Perform installation of outlets, switches, lights and breakers.
5. Explore the applied science and mathematics of the trade.

Masonry

1. Identify basic tools and equipment used in the masonry trade.
2. Identify and describe materials used in the masonry trade.
3. Gain an understanding of basic brick and block construction.
4. Construct brick and block masonry wall sections.
5. Explore the applied science and mathematics of the masonry trade.

Wall Framing

1. Identify basic tools and equipment used in wall framing.
2. Identify and describe materials and fasteners used in wall framing.
3. Gain an understanding of wall framing techniques and applications.
4. Frame a wall with window and door cut outs.
5. Explore the applied mathematics of wall framing.

Roof Framing

1. Identify the basic tools and equipment used in roof framing.
2. Identify and describe roof types and styles.
3. Gain an understanding of roof framing techniques and applications.

4. Cut and frame a roof structure with full-size materials.
5. Explore applied science and mathematics of the roof building trade

In addition to the above referenced programs, the Mansfield Residential Treatment Facility has a **small engine program**.

Enrollment: Up to eight youth per period.