College Credit

Red River Technology Center students may be eligible to receive college credit for selected full-time programs by the following degree-granting institutions:

- Murray State College
- OSU Institute of Technology
- Western Oklahoma State College

Career Clusters

Choose from one of 14 full-time classes for high school and/or adult students within the 8 Career Clusters:

- Transportation, Distribution & Logistics
  - Automotive Collision
  - Automotive Service

- Science, Technology, Engineering & Math
  - Biomedical Science Academy (high school only)
  - Pre-Engineering Academy (high school only)
  - Electronics

- Business, Management & Administration / Finance
  - Business Information Technology Education

- Architecture & Construction
  - Residential Carpentry
  - Residential Heating & Air Conditioning

- Human Services
  - Cosmetology (high school only)

- Manufacturing
  - Computer-Aided Drafting
  - CNC Machining
  - Welding and Metal Fabrication

- Health Science
  - Health Careers Certification
  - Practical Nursing (adults only)
The purpose of the Residential Carpentry career pathway is to provide training on-the-job and in the classroom to high school and adult students who show interest in the construction industry. On-the-job work will consist of building “mock-ups” in the shop and building a house from the ground up on-site at Red River Technology Center.

After completing this career pathway, students will be able to demonstrate entry-level skills and knowledge of Residential Carpentry.

“Our class is taught to build a house. We do it! We experience each part of the building process.”
- Steve Tyler, Residential Carpentry Instructor

Career Majors

- Cabinetmaker
- Frame Carpenter
- Residential Carpentry

“There’s a lot to learn and we learn a lot.”
- Steve Tyler, Residential Carpentry Instructor

Students Learn How to...

- Safely operate hand and power tools
- Determine site layout and elevations
- Install pier and beam floor system
- Lay out and build walls and ceilings
- Lay out and install trusses/roof frame
- Install decking, shingles, and cornice
- Install wall sheathing and exterior trim
- Install windows and doors
- Install vinyl siding and soffit
- Install sheetrock
- Build and install cabinets
- Install interior trim
- Install hardware
- Demonstrate finishing techniques

Employment Opportunities

- Residential Construction
- Commercial Construction
- Building Contractor
- Remodeling

Student Organization

Students have the opportunity to participate in the SkillsUSA student organization.

Some SkillsUSA activities include: Leadership activities, community service, and competitive events.