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 career pathways for high school and/or adult students within the 7 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
  - 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)
As part of both the Architecture and Construction Career Cluster and the Manufacturing Career Cluster, the Computer-Aided Drafting Career Pathway provides students with an understanding of the features associated with the operation of a computer-aided drafting and design system.

Students will draw precise plans on the computer for machine parts and construction blueprints for homes.

Students learn technical design and architectural design on the latest AutoCAD and SolidWorks software.

Instruction focuses on the techniques used to translate engineers’ ideas and calculations into complete working plans.

Career Majors
- CAD Architectural Drafter
- CAD Drafter
- Design Engineer Technician

Software used in class
- AutoCAD
- SolidWorks

Students Learn
- Principals of Drafting
- Mechanical Drafting
- Residential Architecture Drafting
- Presentation Graphics
- Technical Mathematics

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

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