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)
In the CNC Machining career pathway, students learn the skills they need to be successful in industrial settings.

Students learn to turn a piece of raw metal stock into a useful machine part, accurate to within a few thousandths of an inch of the design specifications.

Students acquire the technical skills needed to operate a variety of machines used in today’s manufacturing industry, like Computer Numerically Controlled (CNC) Equipment.

On-the-job training and internships may be available through local businesses.

The CNC Machining career pathway is part of the Manufacturing career cluster.

Career Majors
- CNC Precision Machining Technician
- Drill Press Operator
- Engine Lathe Operator

Students Learn
- Applied Mathematics
- Shop safety
- Blueprint reading
- Metallurgy
- Precision measuring tools
- Computer Numerically Controlled (CNC) equipment
- Milling machine operation
- Lathe operation
- Workforce readiness

Employment Opportunities
- Automotive Industry
- Oil Industry
- Aerospace Industry
- Manufacturing Industry
- Machine Operator

Student Organization
Students have the opportunity to participate in the SkillsUSA student organization.
Some SkillsUSA activities include: Leadership activities, community service, and competitive events.

Equipment Used in Class
- HEM saws
- Horizontal Milling Machine
- Drill Press
- Vertical Milling Machine
- Engine Lathe
- Precision Measuring Tools
- CNC Machining Center
- CNC Turning Center

For information call 580-255-2903 or 888-607-2446 Ext. 272 or visit us on-line at www.rrtc.edu