

# College Credit

Red River Technology Center students may be eligible to receive college credit for selected full-time programs through Prior Learning Assessments (PLA's) with participating institutions of higher learning. Contact the RRTC Counselor at 580-255-2903, ext. 230, for more information.

# 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 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)  
Emergency Medical Services (HS seniors & adults only)

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# CNC Machining



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# CNC Machining



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.

## *Local Program Offerings*

- CNC Precision Machining Technician

## *Students Learn*

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

## *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

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## *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.

