

## 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 13 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

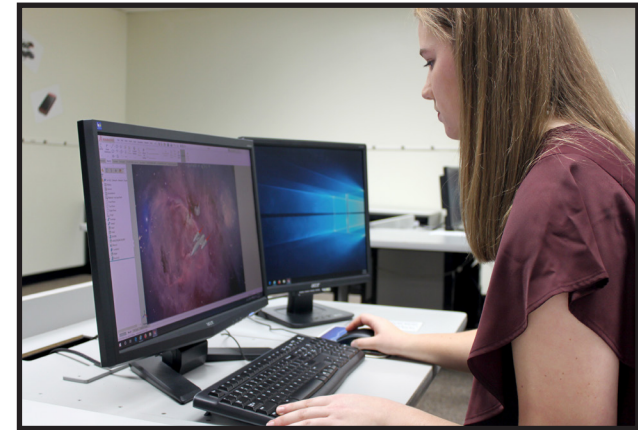
### Health Science

Health Careers Certification  
Practical Nursing (adults only)

Red River Technology Center does not discriminate on the basis of race, color, national origin, sex/gender, age, veteran status or qualified disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations. For special accommodations, contact the counselor at 580-255-2903, ext. 230. Visit [www.rrtc.edu](http://www.rrtc.edu) for graduation rates, median student debt and more information. DRUG FREE WORKPLACE

**Red River**  
TECHNOLOGY CENTER  
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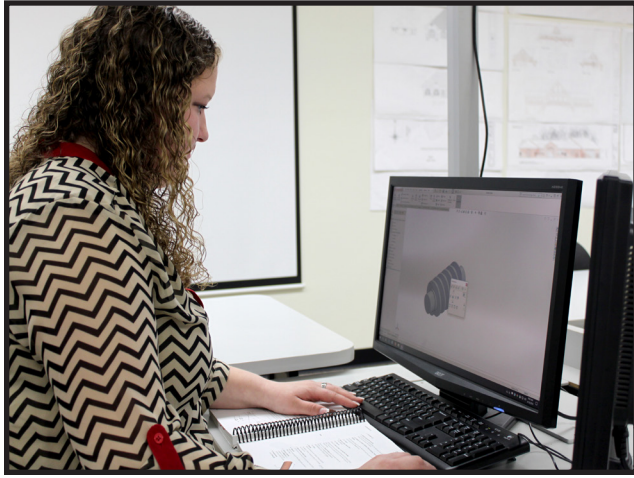
# COMPUTER- AIDED DRAFTING



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[www.rrtc.edu](http://www.rrtc.edu)

# COMPUTER-AIDED DRAFTING



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.

## *Local Program Offerings*

- CAD Drafter

## *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.

