

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 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)

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 for graduation rates, median student debt and more information. DRUG FREE WORKPLACE

Red River
TECHNOLOGY CENTER
3300 W. Bois D'Arc • PO Box 1807
Duncan, OK 73533

WELDING & METAL FABRICATION



Red River
TECHNOLOGY CENTER

3300 West Bois D'Arc • PO Box 1807
Duncan, OK 73534
www.rrtc.edu

WELDING & METAL FABRICATION



Students who complete the Welding and Metal Fabrication career pathway are prepared for a position in one of the fastest growing industries in the world.

Welding is a hands-on profession. Time under the welding helmet is how employment skills are acquired.

The pathway begins in the classroom for welding theory. Students then relocate to the welding shop for a demonstration. After each demonstration, students are given time to practice their own welding skills.

Shop and personal safety are stressed at all times.

The Welding and Metal Fabrication career pathway is part of the Manufacturing Career Cluster.

Local Program Offerings

- Structural Welder

Students Learn

- Shielded Metal and Arc Welding
- Gas Metal Arc Welding
- Gas Tungsten Arc Welding
- Safety Procedures
- Fit Up Procedures
- Basic Math for Welding
- Equipment Setup and Repair
- Fluxcore Arc Welding
- Blueprint Reading and Welding Symbols

Employment Opportunities

- | | |
|----------------------|--------------------------|
| • Welding Operator | • Structural Welder |
| • Welder Fitter | • Pipeline Welder |
| • Combination Welder | • Welding Superintendent |
| • Master Welder | • Equipment Sales |
| • Welding Supervisor | • Welding Instructor |
| • Welding Analyst | • Shop Owner |
| • Inspector | • Welding Engineer |
| • Welding Foreman | |

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

The equipment students use in class is closely related to the equipment being used in the welding and metal fabrication industries.

