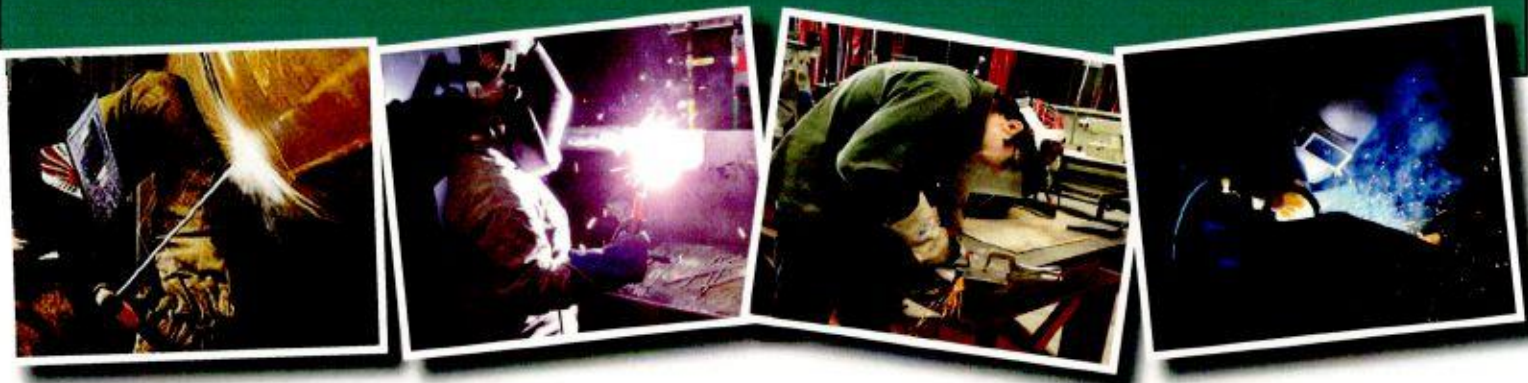




Welding Technology



WELDING TECHNOLOGY at **Franklin Tech** is a two year program designed to advance the science, technology, and application of the welding industry. The welding industry offers excellent opportunities for highly skilled technicians. Students in **WELDING TECHNOLOGY** will learn the skills necessary for good-paying jobs in the industrial, construction, or agricultural fields.

What will I learn?

Our program covers the latest topics including:

- Blue print reading
- Gas metal arc welding
- Gas tungsten arc welding
- Steel, stainless steel, and aluminum
- Introduction to material science
- Differential diagnosis and repair
- Layout and fit up
- Operating drill presses
- Operating grinders
- Operating power saws
- Oxy-fuel cutting
- Performing bench work
- Plasma arc cutting
- Shielded metal arc welding

Employment Opportunities:

According to the U.S. Bureau of Labor Statistics the job outlook for the Welding field should grow by 5%. The 2015 average national pay was an annual salary of \$38,150. Skilled welders with up-to-date training should have good job opportunities.

Certifications:

Students completing the **Welding Technology** program may earn the OSHA10 industry certification. The welding program is taught according to the American Welding Society (AWS) objectives and participates in the Schools Excelling through National Skills Standards Education (SENSE). Students completing their second year in the program may take for the AWS Structural Welding Test.

"What I like best about welding is getting to work hands-on with many different types of welding. For example, learning oxy-fuel welding/cutting, SMAW (stick) welding, and GTAW (TIG). I like that it's hands-on learning as opposed to just reading a textbook and taking notes."

Mason Mangan, former student

OSHA Compliant Basic Orientation Plus 10



American Welding Society®

SENSE

School Excelling through National Skill Standards Education



Welding Technology

Student Benefits

FREE Training

High School students completing a program at FTC receive FREE tuition and training materials. Students also take their program certification test at no cost to them.

Embedded Credit

Students completing a program at FTC have the opportunity to earn academic credits along with their program training. Students in Joplin High School, Sarcoxie High School, and Webb City High school participate in the embedded credit option. In **Welding Technology** you can earn a full credit for Technical Math and Applied Communications upon completion of the two year program and successful completion of assignments for the embedded credit courses. Students earn a grade in the courses and they are transcribed.

Membership in a Student Organization

Going a step further in rounding out their education, FTC students are encouraged to join a national student organization, SkillsUSA. The members of this organization practice teamwork, leadership and problem-solving. Members have an opportunity to hold office and participate in local, district, state, and national contests.



Dual Credit Option

The Dual Credit Program allows high school students to enroll in and receive both high school and college credit during normal class hours. Participation in the dual credit program enables students to get a "head start" on their college career as well as prepare for the challenges of college courses. Credits earned under these programs will be applied towards a degree at Crowder College and are generally transferable to other colleges and universities. Students must meet eligibility requirements to participate in the program.

How to Enroll?

FTC is open to Juniors and Seniors from Joplin High School, Carl Junction High School, Sarcoxie High School, Webb City High School, College Heights Christian School, McAuley High School, and home school students. Enrollment for full-time classes begins in January for the following fall term. To enroll, high school students simply complete an application and return it to your school counselor. Students can also apply on-line or in person at Franklin Tech.

Contact Us

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Joplin, MO 64804
417-625-5260

Visit us on the web at:
franklintechjoplin.com



Or Check us out on Facebook
facebook.com/franklintechhighschool