



SHORT-TERM TRAINING
WITH LONG-TERM REWARDS

Fast-Track Welding

[MANUFACTURING]

Fast-track welding can quickly move you from the classroom to the workplace. As a welder, you might set up, operate or tend welding, soldering or brazing machines. Welders also operate laser cutters or laser-beam machines. American Welding Society reports a lack of welders so allow our training to put you in line for an in-demand job.

LEARNING AT WASHBURN TECH

Our fast-track program will prepare you to apply technical knowledge and skills when bonding or cutting metal. Instruction, both formal and self-paced, includes shielded metal arc welding, gas metal arc welding, gas tungsten arc welding and cutting processes. Emphasis also is placed on quality assurance and control, print reading and welding safety. Attending half-day, you can complete the program in two semesters. Upon completion, you will earn a 24-credit-hour technical certificate. This program is offered in both daytime and evening sessions.

JOB AND SALARY OUTLOOK

Good career opportunities are expected for highly-skilled workers, with prospects especially good for those trained in the latest technologies. According to the Kansas

Department of Labor, the average salary for an entry-level welder is \$16.73 an hour or \$34,802 annually. The average is \$18.50 an hour or \$38,480 annually in Kansas.

ENTRY REQUIREMENTS

Students are required to meet the minimum score on an assessment test. Washburn Tech offers the Accuplacer. A score of 4 in both reading and math is required. Other assessments or college coursework can be accepted in place of Accuplacer. See an admissions counselor for details. Students must complete an application and submit a copy of official transcripts.

CERTIFICATIONS

- + 3G AWS
- + OSHA-10

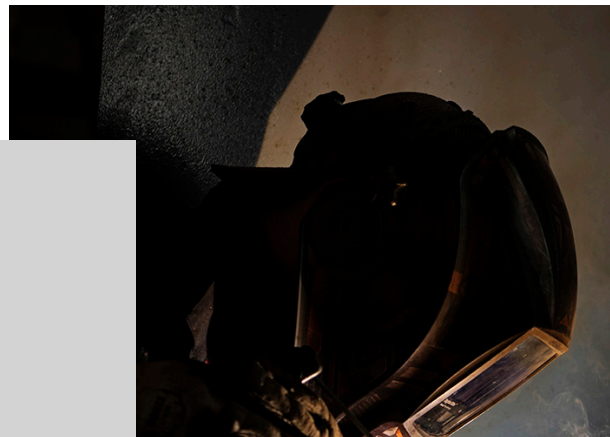
Build your best self.

TALK TO AN ADMISSIONS
COUNSELOR TODAY!

785.670.2200

CAREERS IN WELDING »

- + manufacturing
- + shipfitter
- + weld inspector
- + educator
- + underwater welder
- + pipefitter
- + boilermaker
- + ironworker



COURSE DESCRIPTIONS

WELDING SAFETY/OSHA-10

Focuses on job/site safety and precautions, determine the uses of personal protective equipment (PPE), identify the safety equipment and procedures related to safe work practices

PRINT READING/MATH I

Teaches a basic understanding of welder's math and the symbols used on blueprints; the symbols used on prints give the designer a way to relay information to the fitter and welder

OXY-FUEL/CUTTING PROCEDURES

Includes the cutting of ferrous and non-ferrous materials with manual, motor-driven and oxy-fuel shape cutting equipment; also includes plasma-arc cutting and carbon-arc cutting

SMAW

Explore the shielded metal arc welding (SMAW) process while demonstrating the safe and correct set-up of the SMAW work station

SMAW I

Continuation of SMAW; additional positions and tests will be introduced to provide the student with additional experience in SMAW

GMAW

Focuses on gas metal arc welding (GMAW); students learn to demonstrate the safe and correct set-up of the GMAW work station and correlate GMAW electrode classifications with base metals and joint criteria

GMAW WELDING

Continuation of GMAW; additional positions and tests will provide added experience with gas metal arc welding

FCAW WELDING

Covers flux cored arc welding (FCAW); teaches students the correct techniques to weld in all positions with an emphasis on safety

GTAW

Explore the gas tungsten arc welding (GTAW) process; students learn the safe and correct set-up of the GTAW work station, relate GTAW electrode and filler metal classifications with base metals and joint build pads of weld beads



APPLICATION CHECKLIST



MEET WITH
ADMISSIONS



TAKE
ACCUPLACER*



SUBMIT
TRANSCRIPT(S)



PAY
ENROLLMENT FEE
(ADULT ONLY)

2022-2023 PROGRAM COSTS (Estimated)

	HIGH SCHOOL	ADULT
Enrollment fee	\$0	\$50
Tuition	*\$152	\$3,648
All other fees	\$467	\$1,488
TOTAL	\$619	\$5,186

*Tiered courses are paid by Excel in CTE. Non-tiered courses are paid by the student.

ADDITIONAL CHARGES** (Estimated)

	HIGH SCHOOL	ADULT
Tools/Books	\$170	\$170

COST NOTE

**A list of required tools/books is on a separate sheet of paper and on our website, WashburnTech.edu. Students also will need to purchase supplies such as (but not limited to) pens/pencils, notebooks/paper, three-ring binder, etc. Students may purchase them at the vendor of their choice.

MORE INFO »

For more programs, enrollment and course schedule information, please contact Admissions. Financial Aid is available to those who qualify.

CALL 785.670.2200

TALK W/ ADMISSIONS COUNSELOR