

Fabrication Welder

DESCRIPTION:

This career option provides additional project-based learning opportunities using the fundamentals of MSAW, GMAW and GTAW welding processes, plasma arc and oxy-fuel cutting processes, metal preparation and heat treatments. Also covered are workforce staging, reading blueprints and welding detail drawings. Students will be engaged in hands-on training in the shop approximately 90% of the time.

CERTIFICATIONS/CREDENTIALS:

- Oklahoma Department of Labor Certification
- MSAW, GMAW, GTAW

CAREER OPPORTUNITIES:

- Fabrication Welding Shop
- Repair/Fabrication (Oil and Gas Industry)

SALARY: **NWOK (Avg.)\$47,540**

By utilizing the SOC Code (51.4121) for Fabrication Welder at www.onetonline.org/link/summary/51.4121.00 additional information including working conditions, physical requirements, knowledge skills and salary range can be found. Gainful employment is available at <http://www.nwtech.edu/gainful-employment>.

COST OF ATTENDANCE:

High School In-District Students - No Tuition Charge

Adult Student Costs	Dependent		Independent	
	ID	OD	ID	OD
Tuition and Fees*	\$ 1,920.00	\$ 3,840.00	\$ 1,920.00	\$ 3,840.00
Books, Course Materials, Supplies, and Equipment*	\$ 630.00	\$ 630.00	\$ 630.00	\$ 630.00
Certification/Licensure Expense*	\$ -	\$ -	\$ -	\$ -
Direct Cost of Attendance	\$ 2,550.00	\$ 4,470.00	\$ 2,550.00	\$ 4,470.00
Housing & Food**	\$ 5,654.40	\$ 5,654.40	\$ 11,925.00	\$ 11,925.00
Transportation**	\$ 1,225.12	\$ 1,225.12	\$ 2,583.75	\$ 2,583.75
Miscellaneous**	\$ 2,544.48	\$ 2,544.48	\$ 5,366.25	\$ 5,366.25
Estimated Cost with living expenses	\$ 11,974.00	\$ 13,894.00	\$ 22,425.00	\$ 24,345.00

*Direct costs are items directly related to attending NWTC. **Source: Indirect costs - South-west Consumer Price Index as of 12/22 - released 1/12/23.

More information on tuition, fees, estimated cost of attendance, estimated living expenses and financial aid for adult students can be found at <https://nwtech.edu/student-services/financial-aid-tuition/>.

COURSE INFORMATION: 960 Hours

Fundamentals of Welding	30 Hrs.
Oxy-fuel Cutting	60 Hrs.
GMAW/FCAW Plate and Pipe	120 Hrs.
GTAW Plate and Pipe	60 Hrs.
SMAW Beads and Fillet Welds	210 Hrs.
SMAW Open V Groove Welds	210 Hrs.
SMAW Open Root Pipe Welds	135 Hrs.
Plasma Art Cutting	30 Hrs.
Precision Grinding	105 Hrs.

INSTRUCTOR:

J.P. Parker, Instructor
 jparker@nwtech.edu
 801 VoTech Drive, Fairview, OK 73737
 580.227.3708

Find Out More on Social Media!

www.nwtech.edu

Full-time adult students attend both sessions.

SCHEDULES AVAILABLE:

8:20am - 11:20am
 12:20pm - 3:20pm

Full-time adult students attend both sessions.

APPLICATION & ADMISSIONS:

Complete an application at <https://nwtech.edu/student-services/enrollment-processes/>. For admission questions or to schedule a visit: Call NWTC at 580.327.0344. Financial assistance is available to adult students who qualify. ID=In-District; OD=Out-of-District

NWTC provides equal opportunities to all students without regard race, color, sex, pregnancy, gender, gender expression or identity, national origin, religion, disability, veteran status, sexual orientation, age, or genetic information in the operation of CTE programs, recruitment, admissions, financial aid or employment practices.