

## 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](http://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 Cost	Dependent		Independent	
	In-District	Out-District	In-District	Out-District
<b>Fabrication Welder - 960 Hours</b>				
Tuition and Fees*	\$ 1,920.00	\$ 3,840.00	\$ 1,920.00	\$ 3,840.00
Books, Course Materials, Supplies & Equipment*	\$ 630.00	\$ 630.00	\$ 630.00	\$ 630.00
Certification/Licensure Expense*	\$ -	\$ -	\$ -	\$ -
<b>Direct Cost of Attendance</b>	<b>\$ 2,550.00</b>	<b>\$ 4,470.00</b>	<b>\$ 2,550.00</b>	<b>\$ 4,470.00</b>
Housing & Food**	\$ 5,463.36	\$ 5,463.36	\$ 11,522.00	\$ 11,522.00
Transportation**	\$ 1,073.16	\$ 1,073.16	\$ 2,263.25	\$ 2,263.25
Miscellaneous**	\$ 3,219.48	\$ 3,219.48	\$ 6,789.75	\$ 6,789.75
Estimated Cost with living expenses	\$ 12,306.00	\$ 14,226.00	\$ 23,125.00	\$ 25,045.00

\*Direct costs are items directly related to attending NWTC. \*\*Source: Indirect costs - South-west Consumer Price Index as of 12/23 - released 1/24.

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](http://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;

Non-Discrimination Info  
 English/Spanish

