

Structural Welder Introduction

DESCRIPTION:

This career option covers fundamental of the SMAW welding process, plasma arc, air carbon arc, and oxy-fuel processes, metal preparation and heat treatments, as well as, workforce staging. Students will be engaged in hands-on training in the shop approximately 70% of the time. NWTC is accredited by the Oklahoma State Department of Education, The Oklahoma Department of Career and Technology Education and the Oklahoma Department of Labor.

CERTIFICATIONS/CREDENTIALS:

- WorkKeys Certifications.
- Certifications are also available from the Oklahoma Department of Labor after completing a supervised weld test.

CAREER OPPORTUNITIES:

- Combination Welder
- FCAW Structural Welder
- Entry Level Welder

SALARY

NWOK(AVG.) 47,540

By utilizing the SOC Code: 51-4121 for Structural Welder at www.online.org additional information including working conditions, physical requirements, knowledge skills and salary range can be found. Including related occupations, program costs, length, on-time completion/graduation rates, job placement rates, and median loan debt is available at <http://www.nwtech.edu/gainful-employment/>.

COST OF ATTENDANCE:

High School In-District Students- No Tuition Charge

Adult In-District (Full Time)	\$1050
Adult Out-of-District (Full Time)	\$2100
Book/Material Use Fee	\$262.50

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/>.

This career option is not eligible for Federal Financial Aid. *Prices listed above are per year.*

COURSE INFORMATION 525 Hours

Fundamentals of Welding	15 Hrs.
Fundamentals of Cutting Processes	15 Hrs.
Metal Characteristics & Properties	15 Hrs.
Metal Preparation & Heat Treatments	15 Hrs.
Welding Equipment Setup & Filler	15 Hrs.
Welding Joint Fit UP & Adjustment	15 Hrs.
Welding Blueprints	15 Hrs.
Weld Quality	15 Hrs.
Grinding	45 Hrs.
SMAW Beads & Fillet Welds	150 Hrs.
SMAW Open V Groove Welds	150 Hrs.
Oxy-fuel Cutting	30 Hrs.
Workforce Staging	30 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

SCHEDULES AVAILABLE:

8:20am - 11:20am

12:20 pm - 3:20 pm

Full-time adult students attend both sessions.

APPLICATION & ADMISSIONS:

For Admission Questions or To Schedule a Visit: Call NWTC at 580.327.0344.

Non-Discrimination Info
 English/Spanish

