



Welding Technology

Fairview Campus

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.

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

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.