

WELDING TECHNOLOGY (CERTIFICATE)

CAREER PATHS

CWI (CERTIFIED WELDING INSPECTOR)
CEW (CERTIFIED WELDING EDUCATOR)
RADIOGRAPH TECHNICIAN
AUTOMATIC WELDING MACHINE OPERATOR

SALARY

\$44,190*
MEDIAN ANNUAL INCOME

JOB GROWTH

2020-2030: 8%*



WELDING TECHNOLOGY (CERTIFICATE)



PROGRAM OBJECTIVE

The Welding Technology certificate course prepares students for entry-level work in the welding industry. Students learn about safety, hand tools, oxy-acetylene torches, plasma arc, shielded metal arc welding (stick), gas metal arc welding (MIG), gas tungsten arc welding (TIG), flux cored arc welding, metallurgy, print reading, and weld symbols.

READY. SET. WORK.

Goal 1: The welding program will prepare the student for entry level employment in welding.

Student Learning Outcomes – Students Will:

- Demonstrate safe welding practices
- Perform basic welding skills in SMAW (stick), GMAW (mig), GTAW (tig) and oxyfuel cutting procedures
- Perform basic maintenance on welding machines
- Interpret basic welding symbols

Applicants are encouraged to arrange a campus visit and a personal information session with a Recruitment Advisor. Appointments may also be made to meet with appropriate faculty and current students.

CAREER OPPORTUNITIES

Graduates work as welders, welder/fabricators, maintenance welders, fitters, ornamental metal sculptors, and welder helpers. Typical employers in the welding industry include structural steel fabricators, custom metal shops, industrial contractors, shipyards, pipe and pressure vessel fabricators, and retail welding sales.

COLLEGE OF TECHNOLOGY
Johnson
COLLEGE

johnson.edu
570-702-8856
3427 N Main Ave, Scranton, PA 18508

Courses are subject to change. Please check johnson.edu for up-to-date course info.

PROGRAM COURSES

Shielded Metal Arc Welding
Shielded Metal Arc Welding Lab
Gas Metal and Flux Cored Arc Welding I with Lab
Gas Metal and Flux Cored Arc Welding II with Lab
Gas Tungsten Arc Welding with Lab
Blueprint Reading
Construction Safety
Applied Mathematics for Welders
Microcomputer I
English Composition I or Industry Communications
Student Success Seminar

Minimum Credits to Graduate

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SCAN FOR YOUR FUTURE

There may be special admission requirements for this program. Please speak with a Recruitment Advisor by calling **570-702-8856** or visit our website **johnson.edu** to review our requirements.