

WELDING TECHNOLOGY

ABOUT THIS PROGRAM

Welding is a high-paying and highly-skilled profession. The Welding Technology program provides students with a sound understanding of the science, technology, and applications essential for successful employment. Students learn oxy-acetylene cutting and welding, SMAW (stick), GMAW (MIG), and GTAW (TIG). Courses include math, reading and interpreting prints, metallurgy, welding inspection, and destructive and non-destructive testing. Career opportunities exist not only in the welding and metalworking industries, but also in construction, manufacturing, fabrication, sales, quality control, supervision, and welding-related self-employment.



POSSIBLE JOB TITLES:

- Structural Welder
- Combination Welder
- Pipe Welder
- Brazer
- Mig/Tig Welder
- Welding Fabricator
- Robotic Welder

MEDIAN SALARY:

\$42,490 (welders, cutters, and brazers)

BUREAU OF LABOR STATISTICS CLUSTER WEBSITE:

<https://www.bls.gov/ooh/production/home.htm>

JOB PLACEMENT OF RECENT GRADUATES OF THIS PROGRAM:

- Caterpillar
- Boon Edam
- Godwin
- Mechanical Contractors
- Structural Steel Fabricators

SKILLS NEEDED FOR PROGRAM:

- Problem-solving skills
- Attention to detail
- Effective written and spoken communication skills



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DEGREE(S)

Associate in Applied Science in Welding Technology (A50420; LMC; Day) – 5 semesters (summer included)

DIPLOMA(S)

Diploma in Welding Technology (D50420; LMC; Day) – 4 semesters (summer included)

CERTIFICATE(S)

Certificate in Welding Technology (C50420; LMC; Day/Evening) – Day - 2 semesters, Evening - 3 semesters;
Certificate in Robotic Welding (C50420R; LMC Day/Evening) - Same as previous; Short-term: MIG 1, MIG and AWS Qualification, TIG, NCCER Certification

TRANSFER OPTIONS

None

ADDITIONAL COSTS OF PROGRAM

Students must provide OSHA compliant personal protective equipment.

STATE LICENSURE/EXAMS/INDUSTRY CERTIFICATIONS

NCCER Credentials/Certifications offered in all welding programs.

ADDITIONAL ADMISSIONS PROCESS

None

CONTACTS

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