

**1. This brochure highlights the Industrial Welding Academic Program as well as the support service links through the Welding NOW program.**

(Page 1)

Lakeland Community College Industrial Welding

WELDING N.O.W. at Lakeland Community College

New skills in demand for high-paying jobs

One-to-one staff to assist you

Welding certificates build to a degree

Opportunity starts here

[lakelandcc.edu/welding](http://lakelandcc.edu/welding)

(Page 2)

Questions about financial aid, tutoring, finding a job?  
We will assist you in navigating your way to success!

For information, contact:

Katie Smyntek  
Recruiter  
ksmyntek2@lakelandcc.edu  
440.525.7541

Linn Gahr  
Project Manager  
lgahr2@lakelandcc.edu  
440.525.7516

Lakeland Community College Industrial Welding

Lakeland Community College  
7700 Clocktower Drive  
Kirtland, Ohio 44094-5198  
440.525.7516

This workforce product was funded by a grant awarded by the U.S. Department of Labor's Employment and Training Administration. The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The U.S. Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership. The course and services are available without regard to a participant's race, color, religion, ancestry, age, handicap, sex, marital status or national origin. The number for TDD/TYY or relay services is 440-525-7006.



Unless otherwise noted, this work is licensed under the Creative Commons Attribution 4.0 International License. It is attributed to Ohio TechNet. To view a copy of this license, visit <http://creativecommons.org/licenses/by/4.0/>.

Lakelandcc.edu/welding

@Copyright Lakeland Community College 2015

(Page 3)

Industrial Welding Certificates Stack to the Associate of Technical Studies Degree in Industrial Welding

A. Individual Academic Welding Certificates (6)

COURSES:

WELD 1225 Oxyfuel Cutting, Carbon Arc Gouging, Plasma Cutting (2 credits)

WELD 1240 SMAW (Stick) Welding (2 credits)

WELD 1265 GTAW (TIG) Welding (3 credits)

WELD 1270 FCAW (Fluxcore) Welding (3 credits)

WELD 1280 GMAW (MIG/MAG) Welding (3 credits)

WELD 2010 Pipe Welding (3 credits)

B. Industrial Welding Certificate (24 credits)\*

COURSES:

All Courses listed in section A (16 credits)

WELD 1030 Introduction to Arc Welding (3 credits)

WELD 1040 Introduction to Metal Fabricating (3 credits)

CIVT 2025 Safety in Construction OR OSHA 30 Hour General Industry Outreach Trng OR OSHA 30 Hour Construction Industry Outreach Training (2 credits)

C. Associate of Technical Studies Degree in Industrial Welding (62 credits)\*

COURSES:

All Courses listed in section B (24 credits)

Technical Courses – six 1 credit for American Welding Society certification

Required Basic & Related Courses – 4 Courses (10 credits)

Required General Studies – 7 Courses (22 credits)

\* Eligible for Federal Financial Aid

Opportunity starts here

[lakelandcc.edu](http://lakelandcc.edu)

(Page 4)

Occupations:

If you are good with your hands, patient and detail-oriented, then you are well suited to succeed in a professional welding career.

- Aerospace Welder
- Boilermaker
- Certified Welding Inspector
- Fabrication Welder
- Ironworker
- Maintenance Welder
- MIG Welder
- Pipefitter
- Structural Welders
- Welding Educator
- Welder-Fitter
- Welding Supervisor

(Page 5)

Local Employers:

- Air Technical
- Alloy Bellows & Precision Welding
- Babcock and Wilcox
- Buyers Products
- Component Repair Technologies
- Demag Cranes
- Lincoln Electric
- Lubrizol
- Steris
- Swagelok
- The Great Lakes Group

Welding Job Facts:

- Wages average \$17.22 hourly (source: Emsi)
- Welders are among the top 50 occupations in demand in Lake County!

(Page 6)

Why join Welding N.O.W. at Lakeland Community College?

Your access to new welding classes

Your link to industry credentials

Your personalized academic guide

Your one point of contact for questions – academic and non-academic

Your resource to gain employment in the welding industry

Your pathway to academic and career success!