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MCCSC Adult Education  
at Broadview Learning Center

Monroe County Community School Corporation

# Adult Education CERTIFICATION CLASSES

## Gas Metal Arc Welding



American Welding Society

Spring 2021

### Registration Form: Gas Metal Arc Welding, Spring 2021

Name \_\_\_\_\_ Date of Birth \_\_\_\_ / \_\_\_\_ / \_\_\_\_

Mailing Address \_\_\_\_\_ E-mail \_\_\_\_\_

City, State and Zip \_\_\_\_\_

Phone Number(\_\_\_\_) \_\_\_\_\_ Social Security last 4 digits \_\_\_\_\_

I have:  a high school diploma or equivalent  current TABE scores at 4.0 on Reading and Math

Form of payment enclosed

Check or money order payable to MCCSC

Copy of WorkOne training voucher with name of WorkOne case manager \_\_\_\_\_

Company purchase order (company name \_\_\_\_\_ PO number \_\_\_\_\_)

Other source \_\_\_\_\_

Detach and mail by January 22, 2021 to:

MCCSC Adult Education, Broadview Learning Center  
705 W. Coolidge Dr., Bloomington, IN 47403  
Or e-mail to [rmoore@mccsc.edu](mailto:rmoore@mccsc.edu)



## Gas Metal Arc Welding

Welders use hand-welding or flame-cutting equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products. In this process, heat is applied to metal pieces, melting and fusing them to form a permanent bond. Because of its strength, welding is used in shipbuilding, automobile manufacturing and repair, aerospace applications, and thousands of other manufacturing activities. Welding is also used to join beams in the construction of buildings, bridges, and other structures and to join pipes in pipelines, power plants, and refineries.

Topics you will study:

- Health and safety for welders
- Installation, set-up, and maintenance of equipment
- Surface welds
- Square groove and fillet welds
- Quality of welds
- Metal transfer and shielding gases
- Single V-groove welds



### Gas Metal Arc Welding Course Information

<b>Days:</b>	Tuesdays and Thursdays
<b>Dates:</b>	February 2—April 15, 2021 (No class during the week of March 15.)
<b>Time:</b>	5:30—8:30 pm
<b>Location:</b>	Hoosier Hills Career Center, Room 103 3070 N. Prow Rd., Bloomington, IN 47404
<b>Tuition:</b>	<u>FREE</u> to qualified WorkOne customers. (To apply, contact Kimi Bing, WorkOne Career Advisor, at 812-335-6717 or <a href="mailto:KBing@vinu.edu">KBing@vinu.edu</a> .) \$2,059 for others. Includes materials and certification tests.
<b>Phone:</b>	(812) 330-7731
<b>Register by:</b>	January 22, 2021
<b>Refunds:</b>	No refunds after first day of class.
<b>Requirements:</b>	High school diploma or equivalent and Test of Adult Basic Education scores in reading and math at 4.0+.

## Why Certify with American Welding Society?

One of the best ways to advance your welding career is by earning a specialized certification. This opens up opportunities for more money, leadership roles and higher-level career challenges. AWS offers nine different certification categories, from inspectors, supervisors and educators to radiographic interpreters, welding engineers and fabricators.

AWS offers a number of certification programs that recognize and document expertise and knowledge in specific welding-related disciplines including, inspectors, supervisors, educators, radiographic interpreters, welding engineers and fabricators. AWS is the source for qualification and certification of welding personnel. Since the Certified Welding Inspector (CWI) program was introduced in 1976, AWS has certified over 97,000 welding inspectors alone, plus thousands more working professionals across other certification categories. Visit the [www.aws.org](http://www.aws.org) to find out more.

### Occupations for graduates of Gas Metal Arc Welding programs in Indiana: Selected Labor Market Information

Occupation	Hourly wages	Employment			
		2012	2022	Total growth	Total openings
Welders, Cutters, Solderers, and Brazers	\$13.79	12,580	13,563	983	4,069
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$13.49	3,144	3,428	284	1,055

- Total openings is the sum of growth and net replacements.
- Hourly wages is the 2012 Indiana median wage, which is midpoint between the lowest wage and the highest wage, for this occupation.
- For data questions, please contact [lmidata@dwd.in.gov](mailto:lmidata@dwd.in.gov).