

EMPLOYMENT OUTLOOK

Wages range from \$12 to \$16 per hour for entry-level welders. Pay varies, depending on the area of the country and the employer. Many welders work overtime and more than one-fourth of welders belong to unions. Union members often earn higher wages than non-union members.*

**Wage information obtained from the Illinois Career Information System*

ABOUT THE COLLEGE



John Wood Community College was founded in 1974 in order to provide residents with high-quality, low-cost programs in higher education.

DEGREES/CERTIFICATES

The College offers a comprehensive baccalaureate transfer curriculum, with four degrees specifically designed to accommodate students transferring to four-year colleges: the Associate in Arts (AA), Associate in Fine Arts (AFA), Associate in General Studies (AGS), and Associate in Science (AS). John Wood also offers the Associate in Applied Science degree (AAS) and certificates for those interested in specialized career/technical training that leads to immediate employment.

PROGRAMS

Agriculture, nursing, landscape and turfgrass management, early childhood education, computer-aided design, restaurant management, culinary arts, office technology and truck driver training are just a few of the career/technical programs offered at JWCC.

LOCATION

The JWCC campus is located at the east edge of Quincy. Additional centers include the Agricultural Education Center near Perry; the Pittsfield Education Center; the Mt. Sterling Learning Center, and the Workforce Development Center and Kinscherff Adult Education Learning Center in Quincy. JWCC also provides tailored career/technical training at area businesses and industries.

TUITION AND FEES

Tuition and fees at JWCC are among the lowest in the area. A complete financial aid program which includes scholarships, loans, grants and work study opportunities is available for students who qualify.

WELDING CERTIFICATE



TRAINING & CAREERS IN BLUFFS

"This partnership with JWCC brings welding courses directly to students in Bluffs, which is not only convenient, but a tremendous opportunity. People with welding skills are in demand across the region. We have opportunities for welders at our company who can often advance to supervisory and quality control positions. Plus, this helps the Bluffs community develop a skilled workforce. Students can stay right here, get top-quality training and have local career opportunities."

Gary Westermeyer, President
Westermeyer Industries Inc.



All courses in the welding program are held at Westermeyer Industries, 1441 State Route 100, Bluffs, Illinois.

Financial assistance may be available for those who qualify.

JWCC CORE VALUES

Self-development. Excellence. Accountability. Integrity

John Wood Community College is regionally accredited by The Higher Learning Commission and a member of the North Central Association.

John Wood Community College does not discriminate on the basis of race, color, national origin, gender, disability or other factors prohibited by law.

Photos: Larry Flavell

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For information on JWCC programs, contact:

JWCC OFFICE OF ADMISSIONS

1301 South 48th Street Quincy, IL 62305
(217) 641-4338 admissions@jwcc.edu



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THE PROGRAM



Employment opportunities in welding occupations continue to expand. Recent data projects significant increases in local vacancies through the creation of new jobs and the availability of replacement positions.

The welding certificate is designed to train individuals in the skills needed to gain employment as a welder. The skills included are reading and interpreting welding symbols and blueprints, basic MIG and TIG welding, commercial welding practices, and principles of welding safety.

TUITION AND FEES

In-district tuition and fees: \$2,080.00 (\$130 per cr. hr.)
Non-district tuition and fees: \$3,840.00 (\$240 per cr. hr.)
Textbooks: \$304.00
Lab fees: \$420.00 (\$140 each for WLD 155, WLD 181, & WLD 185)
Welding safety kit: \$50.00
(kit available at ILMO Welding Supply: (217) 479-0757)

PLEASE NOTE: PRICING SUBJECT TO CHANGE WITHOUT NOTICE.

THE SCHEDULE

FALL 2011 (Beginning October 10)

SAF 110 Occupational Safety and Health
Meets Mondays 5:50 to 8:30 PM (9 weeks)
WLD 160 Symbols and Blueprint Reading
Meets Wednesdays 5:50 to 8:30 PM (9 weeks)

Spring 2011

WLD 155 Basic Welding Lab (Lab fee: \$140.00)
Full semester, evenings TBA

Fall 2012

WLD 181 TIG and MIG Welding (Lab fee: \$140.00)
SAF 110 Occupational Safety and Health
WLD 160 Symbols and Blueprint Reading
Full semester, evenings TBA

Spring 2013

WLD 155 Basic Welding Lab (Lab fee: \$140.00)
WLD 185 Commercial Welding Lab (Lab fee: \$140.00)
Full semester, evenings TBA

Welding labs are progressive.

This is a JWCC dual credit program for Bluffs High School students. Westermeyer employees and area residents may also enroll in the program.

CONTACT INFORMATION

For admissions information, contact

LEE WIBBELL
(217) 641-4314

For textbook information, contact

DENISE WILLIAMS
(217) 641-4231

For general information on the Welding Program, contact:

BILL MARTIN
(217) 641-4970

John Wood Community College
1301 South 48th Street | Quincy, IL 62305

THE CLASSES

WLD 155 Basic Welding Lab

4 credit hours

The setting up and use of arc welding and oxyacetylene welding equipment, with safety emphasized. Basic techniques such as striking an arc, lighting torch equipment, acetylene cutting, heat measurement and rod movement are practiced.

WLD 160 Welding Symbols & Blueprint Reading

2 credit hours

Theory of the important area of welding symbols and the reading of welding blueprints that are required of the welder. An overall coverage of shop safety is included.

WLD 181 TIG & MIG Welding

4 credit hours

Covers the essential theory knowledge involved in the tungsten-inert gas welding process and the metal-inert gas process, with emphasis on the reactions on nonferrous metals to the processes, safety considerations and equipment construction. Welding Math explores the math needed by today's professional welder, including measurements, tolerances and metrics.

WLD 185 Commercial Welding Lab

4 credit hours

Lab course assisting the advanced welding student in becoming a knowledgeable, employable welder. Arc welding, oxyacetylene welding, TIG, MIG, cost and waste control and safety are covered.

SAF 110 Occupational Health and Safety

2 credit hours

A basic investigation of the Occupational Health and Safety Act, OSHA regulations, industrial noise, machine guarding, electrical safety, Worker's Compensation Law, environmental protection, supervisory liability, and safety precautions particular to the workplace environment.