

WELDING

CLASSES & PROGRAMS

GMAW FUNDAMENTALS (Gas Metal Arc Welding), WELD CE013

Gas Metal Arc Welding (GMAW) is more commonly referred to as MIG welding. This course consists of approximately 10 hours in the classroom learning the fundamentals of GMAW theory with the balance of time developing hands-on GMAW skills with practice in the welding lab. The focus will be on learning and practicing proper welding techniques for fillet and groove welds. Welding safety gear is required and a textbook is highly recommended, especially for students interested in pursuing work in the field or further study. Typical welding jobs require training, experience, a sharp eye for detail and a strict adherence to safety and housekeeping rules. This course is open to first-time welding students and has no prerequisites. For students taking this class as their first welding course, an additional class fee for welding safety gear and a textbook will apply. **Required safety gear includes: welding helmet, gloves, jacket, and safety glasses. HOURS: 45, TUITION \$875**

FCAW FUNDAMENTALS (Flux Core Arc Welding)

Flux Core Arc Welding (FCAW) is critical to manufacturing, production and many other applications. This course consists of approximately 10 hours in the classroom learning the fundamentals of FCAW theory with the balance of time developing hands-on skills with practice in the welding lab. The focus will be on learning and practicing proper welding techniques for fillet and groove welds in various positions. Welding safety gear is required and a textbook is highly recommended, especially for students interested in pursuing work in the field or further study. Typical welding jobs require training, experience, a sharp eye for detail and a strict adherence to safety and housekeeping rules. This course is open to first-time welding students and has no pre-requisites. For students taking this class as their first welding course, an additional expense for welding safety gear and a textbook will apply. **Required safety gear includes: welding helmet, gloves, jacket, and safety glasses. HOURS: 45, TUITION \$875**

SMAW FUNDAMENTALS 1 (Shielded Metal Arc Welding)

Shielded Metal Arc Welding (SMAW), commonly referred to as "stick" welding is critical to construction and applications where portable welding equipment is preferred. This course consists of approximately 5 hours in the classroom learning the fundamentals of SMAW theory with the balance of time developing hands-on skills with practice in the welding lab. The focus will be on learning and practicing proper welding techniques for fillet and groove welds in flat and horizontal positions. Welding safety gear is required and a textbook is highly recommended, especially for students interested in pursuing work in the field or further study. Typical welding jobs require training, experience, a sharp eye for detail and a strict adherence to safety and housekeeping rules. This course is open to first-time welding students and has no pre-requisites. For students taking this class as their first welding course, an additional expense for welding safety gear and a textbook will apply. **Required safety gear includes: welding helmet, gloves, jacket, and safety glasses. HOURS: 45, TUITION \$875**

SMAW FUNDAMENTALS 2 (Shielded Metal Arc Welding)

Shielded Metal Arc Welding (SMAW), also known as "stick" welding is critical to construction and applications where portable welding equipment is preferred. This course consists of approximately 5 hours in the classroom learning the fundamentals of SMAW theory with the balance of time developing hands-on skills with practice in the welding lab. The focus will be on learning and practicing proper welding techniques for fillet and groove welds in vertical and overhead positions. **Required safety gear includes: welding helmet, gloves, jacket, and safety glasses. This class has a prerequisite: SMAW 1 Fundamentals. HOURS: 45, TUITION \$875**



For more information, please contact Rusty Brink at (717) 221-1338, or at ebrink@hacc.edu.

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PRODUCTION WELDING (mig, flux)
 2 classes; 90 hrs

GMAW Fundamentals
 45h, WELD CE013

FCAW Fundamentals
 45h, WELD CE101

STICK WELDING
 2 classes; 90 hrs

SMAW 1 (flat/horizontal)
 45h, WELD CE014

SMAW 2 (vertical/overhead)
 45h, WELD CE015

Welding Technician Program
 (All 4 classes)
 WELD CE426 / 180 hrs



WELDING TECHNICIAN PROGRAM, WELD CE426

NOTE: This program includes all 4 of the welding classes listed above.

This 180-hour PROGRAM is designed to develop individuals to be hired into an entry level position in the high-demand field of Welding Technology. It consists of either two to four classes combined that cover OJT, P and email techniques. Essential welding gear is included as part of the first class, and after completing 135 hours of training (3 classes) a student may choose to perform a welding test that will be evaluated according to the American Welding Society (GMAW) D1.1 standard. There is an additional lab fee required for testing. Program participants will receive welding theory in the classroom and practical welding skills in the welding lab. The focus will be on learning and practicing proper welding technique for traditional welding positions. Typical welding jobs require training, experience, a sharp eye for detail and a strict adherence to safety. **HOURS: 180, TUITION: \$3500 (class expenses: \$310)**

WELDING TRAINING - CUSTOM, WELD CE110

NOTE: This option is for employers seeking workforce and employee welding training.

For employers in need of welding skills and competencies, HACC offers welding training and testing options to meet your skill and competency requirements. This open class can be customized to meet your time and budget needs in one or more of the following welding skills areas: welding safety, welding theory and applications, GMAW (mig welding or gas metal arc welding), FCAW (flux core arc welding with both inner-shield and outer-shield options available), SMAW (stick welding or shielded metal arc welding), GTAW (tig welding or gas tungsten arc welding), cutting and brazing techniques, industrial welding print reading, math for welders, basic metallurgy, qualification and certification preparation. **Essential safety gear is required for all students: welding hood, safety glasses, gloves and jacket. Safety gear and textbooks can be included.**

For more information, please contact Rusty Brink at (717) 221-1338, or at ebrink@hacc.edu.

WELDING

REGISTRATION INFORMATION

1. ONLINE

Click on the **Register Now** button on HACC's website for the class you want to take and complete the registration information. At checkout, you can pay with a credit or debit card.

2. PHONE

Complete a HACC **Enrollment Form** and return to me at ebrink@hacc.edu or call the **Welcome Center at 1-800-ABC-HACC** to provide your registration and payment details. You will need to provide the Welcome Center with the Section Number (5 digits) for the class you are taking.

3. IN PERSON

Simply walk-in to any HACC Welcome Center and an admissions representative will assist you in completing your registration. To find the nearest Welcome Center, please visit **Welcome Center** or call **1-800-ABC-HACC**.

COMPANY BILLING

The student's employer will need to complete a **Permission to Bill** form instead of an enrollment form. For more information about company billing, please reply to this message for additional assistance.

WELDING

FINANCIAL AID AND PAYMENT OPTIONS

PA CAREER LINK

Many programs are eligible for funding and assistance to qualified applicants through PA Career Link. Please visit their webpage (www.cwds.gov.pa), call or visit in person to discuss your options with a Career Counsellor. Click "Find Training Opportunities" or visit your local PA Career Link office in person.

Capital Region (Harrisburg): 100 North Cameron Street, Harrisburg, PA 17110 (717) 783-3270

Carlisle: 1 Alexandria Ct, Carlisle, PA 17015 (717) 243-4431

Lancaster: 1016 N Charlotte St, Lancaster, PA (717) 509-5613

York: 841 Vogelsong Road, York, PA (717)-767-7600

Lebanon: 243 Schneider Drive, Lebanon, PA 17046 (717) 274-2554

Chambersburg: 600 Norland Ave, Chambersburg, PA 17201 (717) 264-4584

VETERANS

Contact the VA Office at [HACC Veterans Affairs](#) (717) 736-4149 for more information and eligibility.

[Rotary Veterans Initiative Scholarship for Manufacturing, Logistics and Environmental Technology](#)

SCHOLARSHIPS

For many programs, scholarships are available. Please explore the HACC Foundation link below and these websites to discover more:

[HACC Foundation Scholarships for Workforce Development Programs](#)

For programs at HACC's Harrisburg Midtown location, please select: [Midtown Opportunity Scholarship](#)

Skills USA STEM Scholarships (www.skillsusa.org) – Annual Deadline is April 15 to complete on-line application

Mike Rowe Works Foundation (www.profoundlydisconnected.com) – Spring Deadline

AMERICAN WELDING SOCIETY - AWS Section 196, Lancaster, PA

The AWS Foundation has more than \$1,000,000 in scholarships available for students attending welding training and education programs. FOR WELDER TRAINING: Students seeking tuition assistance for a welder training program of up to two years at a trade/technical school, college or other training facility can apply for a \$1,000 scholarship.

Applications are accepted year-round and selections are made on a rolling basis until the District awards its designated funds for the year. Learn more and apply at [Click here for more information on eligibility and application instructions](#).

PAYMENT PLANS

HACC Workforce Development offers payment plans for an administrative fee of \$100, and the program's cost is payable in 3 installments (1/3 plus the fee is due at registration) that must be paid in full before 50% of the training program has been completed.

PRIVATE LOANS

Many financial institutions offer educational loans that can be used to help pay for the cost of training programs at HACC.

Sallie Mae Career Training Smart Option: 1-866-972-5004 or www.SallieMae.com/CTSmartLoan (School Branch ID: 00327398)

Wells Fargo: 1-877-315-7724 or www.WellsFargo.com (School Branch ID: 00327398)

EMPLOYER OPTIONS

PA WedNET Funding may be able to assist with training expenses. Please visit: [WedNET PA](#) or contact Holly Simmons at 717-780-1179 or email to hbsimmon@hacc.edu.

For more information, please contact Rusty Brink at (717) 221-1338, or at ebrink@hacc.edu.

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