



SHIELDED METAL ARC WELDING (SMAW)

PIPE AND PLATE

GATEWAYCC.EDU/**WELDING**

[INFORMATION PACKET]



**APPLIED
TECHNOLOGY**



**GATEWAY
COMMUNITY COLLEGE**
A MARICOPA COMMUNITY COLLEGE



MARICOPA
COMMUNITY COLLEGES

The Maricopa County Community College District (MCCCD) is an EEO/AA institution and an equal opportunity employer of protected veterans and individuals with disabilities. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, age, or national origin. A lack of English language skills will not be a barrier to admission and participation in the career and technical education programs of the District.

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For the latest information on programs, graduation rates and other important consumer information, please visit our website at gatewaycc.edu



Central City Campus

Welding: Shielded Metal Arc Welding (SMAW) Pipe

Your Journey Starts Today!

Dear Student,

Congratulations! You are taking the first steps to apply for a GateWay Central City Campus, Trade & Technical Program! Our school offers hands-on training and assists in preparing our students for employment in today's workforce. Welding is the process of using hand-held equipment to cut or join together metal parts and fill holes indentations or seams of a variety of metal products. The Certificate of Competency (CCT) for Welding: Shielded metal Arc (SMAW) Pipe introduces various disciplines such as gas tungsten arc welding (GTAW) processes and shielded metal arc welding (SMAW). Learn foundational skills and knowledge in the basics of plate and pipe welding in accordance with welding codes including: American Welding Society D1.1, American Petroleum Institute-1104 Code and/or the American Society of Mechanical Engineers Boiler Pressure Vessel Code. If you desire a career that will allow you to work in large or small shops, manufacturing facilities, marine and watercraft industries and construction sites, then Pipe Welding is for YOU!

Our accredited program is offered in the day and evening and upon completion awards a Certificate of completion. For more information on Welding careers and salary, please visit www.onetonline.org. To successfully enroll, please read this packet thoroughly and follow the steps on the checklist on page 2.

The Student Services Team is excited to welcome you to GateWay and is here to provide assistance to help you succeed. If you have questions, please do not hesitate to contact us at 602-238-4350. Thank you for your interest in GateWay Central City Welding program, and we look forward to your Graduation

Sincerely,

Student Services Team
GateWay Central City
602-238-4350

Admission Process

Completed

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(Optional) Attend a Virtual Information Session

Thursday at 5-6 pm to learn more about what the program entails and the admission process to get started. The sessions are held via Webex.

Join with virtual meeting link:

https://docs.google.com/document/d/1Sqjp06YTm_R5NhUG8w28jnls4sVIN_Tdt9621ehECio/edit

1. Apply for Admission

Complete the admissions application to Gateway Community College.

Go to <https://www.gatewaycc.edu/> and click apply now in the top left-hand corner.

Program Name: Welding: Shielded Metal Arc Welding (SMAW) Pipe

Field of Interest: Applied Technology

Program #: 1130(Day)

Here are 3 ways we can help:

- **Watch the “How to Apply” YouTube Video** for Clock Hour programs
<https://www.youtube.com/watch?v=f2ZSYlqfwc>
- **Attend one of our “How to Apply” Information Sessions:** Register at
<https://www.gatewaycc.edu/events/2020/virtual-how-apply-sessions>
- **Contact us:** If you need help, please contact our Recruitment Team:
gwc.recruitment@gatewaycc.edu gregorio.ramos@gatewaycc.edu

2. Secure Program Funding

Apply for Federal Financial Aid- www.fafsa.gov.

a. USE SCHOOL CODE: E00701

The step above is very important for clock hour students. If you select Gateway instead, you delay the process to secure funding.

- Agency/Third-Party Funding
- Pay In Full (Buy-In)
- Payment Plan -Down payment is required to secure your seat, monthly payments are calculated and the student pays a set amount throughout their program. Total amount of the program will need to be paid before the student receives their certificate of completion.

Failure to secure funding for the program 30 days before the program start date will put students at risk of being dropped from courses due to non-payment

4. Self apply for admissions

Send an email to Clockenroll@gatewaycc.edu

- State your First and last name
- Provide your official student ID #.
- Provide a brief description stating that you would like to enroll in a clock hour program.
- Provide the program name and state if it is day or night.
(Example: Collision Repair Technician (Day))
- Then please explain what steps you are taking to secure funding for the program.
(Example: I submitted a 2021-2022 FAFSA).



5. Finalize Payment Arrangements: Contact Business Office: 602.286.8722	
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PROGRAM TUITION AND FEES	Welding: Shielded Metal Arc Welding (SMAW) Pipe and Plate
Registration Fee*	\$15.00
Tuition Clock Hour	\$3,150.00 (630 hrs X \$5)
Course Fees	\$1,580.00
TOTAL Tuition & Fees	\$4,730.00

Program Description:

The Certificate of Competency (CCT) in Shielded Metal Arc Welding (SMAW) Pipe prepares students to complete industry certification on pipe. An AAS in Welding, as well as certificates in the following areas of specialization, are also available: Welding: Gas Metal / Flux Cored Arc Welding (GMAW)/(FCAW), Welding: Gas Tungsten Arc Welding (GTAW) Ferrous, Welding: Gas Tungsten Arc Welding (GTAW) Non-Ferrous

Program Notes:

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Students must earn a grade of C or better for all courses required within the program.

Next Start Date:

05/23/2022

Program Schedule

Day Class: Monday- Thursday, 8 am-3 pm

Course Curriculum

CST103: Construction Safety

CST104: Power and Hand Tools, Equipment, and Workspace

CST105: Construction Calculations

CST107: Introduction to Construction Drawings

WTO106AA: Introduction to SMAW

WTO106AB: SMAW 6010 Plate

WTO106AD: SMAW Introduction to Pipe

WTO208AD: SMAW Code Welding Pipe

Booklist

Core Curriculum Trainee Guide 5th Edition, ISBN:9780134130989

Welding Level 1 Trainee Guide 5th Edition, ISBN: 9780134163116

Welding Level 2 Trainee Guide 5th Edition, ISBN: 9780134163109

Welding Level 3: Trainee Guide,5th Edition ISBN: 9780134482453

Uniforms and Professional Appearance

Program shirts will be provided to students once instructors get an official headcount within the first few weeks of the program start date.

The Gateway Community College reserves the right to change, without notice, any materials, information, curriculum requirements, and regulations stated in this publication.



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