FACILITY

CLASSROOM

1,400 sqft area includes:

- 24 seat classroom
- Men's and Woman's locker rooms
- Kitchenette
- Director's office

WELD LAB

2,400 sqft area includes:

- 18 welding booths
- Testing room
- Instructor's office

LAB EQUIPMENT

- 18ea Lincoln Flextec welding power sources ranging from 350 – 600 amps capacity, capable of welding FCAW (flux cored arc welding), GMAW (gas metal arc welding), SMAW (shielded metal arc welding – stick) and SAW (submerged arc welding).
- 12ea Lincoln LN-25 suitcase style wire feeders
- 6ea Lincoln Active 8 wire feeders
- 1ea Lincoln LT-7 submerged arc wire feeder
- 1ea Hypertherm Powermax 125 hand/machine plasma cutter
- 1ea Lincoln downdraft table

STAFF

TRAINING CENTER MANAGER

- Sanctioned position for Weld School as an AWS (American Welding Society) CWI (certified welding inspector)

TRAINERS (3):

All shifts

- Teaches students to weld safely and effectively.
- Demonstrates welding techniques and skills.
- Creates and implements lesson plans.
- Mentor new employees for Heavy Industrial Welding.

FOR MORE INFORMATION:
CALL MONICA - HR RECRUITER
(724) 785-2575 ext. 2151

READY TO GET STARTED?
APPLY HERE:
HL-FABRICATION.COM/WTC

1800 Paul Thomas Blvd. Brownsville, PA 15417
VOICE: (724) 785-2575 **FAX:** (724) 785-2577
HL-FABRICATION.COM

Heartland Fabrication

TRAINING CENTER

BROWNSVILLE, PA

CURRICULUM: WELDING

- 8-week program
- Geared to new and seasoned welders
- Part of the instruction includes how to work in our heavy industrial setting
- Students work both in the training facility and the production floor

WELD PROCESSES TAUGHT

FCAW - Flux-cored arc welding
SMAW - Shielded metal arc welding (stick)
CAG/PAG - Carbon arc gouging / plasma arc gouging
SAW - Submerged arc welding

COURSE OUTLINE

WEEK 1: Introduction to Welding

WEEK 2: Troubleshooting, Weld Parameters

WEEK 3: Policies

WEEK 4: Barge 101

WEEK 5: Blueprints

WEEK 6: CAG

WEEK 7: Math and Weld Practicals

WEEK 8: Final Weld Testing/Evaluations

WEEKS 3-7: On-the-Job Training

PRACTICAL WELD TESTS

3RD CLASS WELDER:
- 2F FCAW (flux cored – fillet weld, horizontal and vertical positions)

2ND CLASS WELDER:
- 3F and 4F SMAW (fillet test with break and macro etch)
- 3G and 4G FCAW (groove weld with backing - vertical and overhead)

CURRICULUM: FITTING + WELDING

- 10-week program
- Geared to new fitters, new hires and current employees
- Part of the instruction includes how work in our industrial setting
- Students work both in the training facility and the production floor

COURSE OUTLINE

WEEK 1: Intro to HF, Intro to Fitting, Oxy-Fuel Training, Layout for Fitters, A Fitter's Introduction to Welding, Quality Assurance, and Electrical Theory

WEEK 2: Intro to Shop Math, Blueprint Reading (includes the alphabet of lines), Using an Angle Grinder, Using a Chain Pull, and Reading a Tape Measure

WEEK 3: Shop Math, Blueprint Reading

WEEK 4: Blueprint Reading, Enhanced Safety (back/lifting); entire class working in bottoms/panels

WEEK 5: Enhanced Safety (welding), and Shop Math Including Conversions, and Geometry; entire class working in sterns

WEEK 6: On-Floor Practical in Individual Shops

WEEK 7: Shop Math, and Enhanced Safety (fall protection); entire class working in MBA

WEEK 8: Shop Math (review), Enhanced Safety (Safety's Top Ten), and Drawing Reviews; entire class working in erection

WEEK 9: On-Floor Practical in Individual Shops

WEEK 10: Final Practical Tests

PRACTICAL TESTS

3RD CLASS FITTER:
- Written test, layout and cutting flat plate

2ND CLASS FITTER:
- Written test, layout and cut plate in horizontal and vertical position, fit and tack plate into final configuration per blueprint

BUILD YOUR FUTURE WITH US!

Heartland Fabrication

TRAINING CENTER