



## WELDING PROGRAMS

### Admission Procedures

1. Submit an application for admission and a \$30 application fee.
2. Submit copy of valid photo I.D. (i.e., driver's license, passport, military ID, or state issued ID) and social security card.
3. Submit copy of high school diploma or GED.
4. Submit an official copy of any academic transcripts to be evaluated for credit.
5. Submit a copy of any current certifications earned. NCCER; this certification is offered at Compass Career College.
6. Submit ACT scores or take the Wonderlic WBST admission test. (Test fees for up to three attempts are covered by the application fee)
  - a. Wonderlic: A minimum score of a 10<sup>th</sup> grade level is required
  - b. ACT: subscore requirements are Reading – 13; Math – 14; Language - 13
7. Fill out the FAFSA if interested in applying for Title IV federal financial assistance.
8. Make financial arrangements – Apply for funding from the various sources available through Compass Career College if student qualifies.
9. If Title IV student loans are requested, entrance counseling and master promissory note must be completed.
10. Submit TB skin test, proof of 2 MMR, and a tetanus within 10 years or sign the immunization waiver prior to admission.
11. Pass the required criminal background screening.

### Admission Requirements (all Welding programs)

High school diploma or GED required

Wonderlic score of 10<sup>th</sup> grade level.

NOTE: CCC will accept ACT scores that meet the minimum requirements for Welding programs ACT subscores of Reading – 13; Math – 14; English – 13.

Pass the required criminal background screening

### Program Objectives

Welding is a specialized skill that offers career opportunities in: welding shops, manufacturing of metal goods, construction, pipe welding, plant maintenance, shipbuilding, and many others. The Welding program has been divided into the following technical competency levels to meet the individual career goals of its students:

#### **Basic Welding**

Students will be instructed on industry safety standards, oxyfuel cutting, plasma arc cutting, air carbon arc cutting and gouging, base metal preparation, weld quality, joint fit-up and alignment, and shielded metal arc welding (SMAW - bead, fillet, groove with backing, and open v-groove).

#### **Welding Technician**

Students will be instructed on welding symbols, reading welding detail drawings, physical characteristics and properties of metals, pre and post heating of metals, gas metal arc welding (GMAW), flux core arc welding (FCAW), and gas tungsten arc welding (GTAW).

#### **Pipe Technician**

Students will receive advanced instruction on SMAW open root and stainless steel groove welds, GMAW and FCAW pipe welds, and GTAW carbon steel, low alloy, and stainless steel pipe.

#### **Aluminum Technician**

Students will receive instruction on GMAW aluminum plate and pipe, and GTAW aluminum plate and pipe.

#### **Welding Specialist**

This is a comprehensive program that will provide the training of Welding Technician, Pipe Technician, and Aluminum Technician.