



REACH FOR YOUR DREAMS

CAREER PATHWAY SPOTLIGHT:

Discover a Career in **WELDING**

at Central Virginia Community College

You may like a career as a welder if you enjoy...

- Being active
- Hands-on work
- Reading blueprints
- Tools and machines
- Problem solving
- Working indoors/outdoors

START
HERE

High School Diploma,
Career Change, Upskill,
Veteran, Adult Learner, GED,
Dual Enrollment

BENEFICIAL CREDENTIALS OFFERED AT CVCC:

- Welding Fundamentals Career Studies Certificate
(16 weeks)
- Welding Plus Career Studies Certificate
(2 semesters)
- Welding Technology Certificate
(3 semesters)
- American Welding Society (AWS) Certifications

LEARN MORE / EARN MORE

CAREER OPPORTUNITIES FOR ADVANCEMENT

Average Earning Potential: \$38,000–\$90,000 per year*

TIME

CAREER

EXPERIENTIAL LEARNING

1-3
YEARS

ENTRY LEVEL WELDER: WELDER/
FABRICATOR, MAINTENANCE TECH

- Apprenticeships and/or training certifications

3-5
YEARS

INTERMEDIATE LEVEL:
WELDER FITTER

- On-the-job experience

5-10
YEARS

ADVANCED LEVEL:
PIPE WELDER

- On-the-job experience

5+
YEARS

WELDING SUPERVISOR,
WELDING INSPECTOR

- On-the-job experience

EXPLORE AND REGISTER FOR CLASSES

Counseling/Advising Department | centralvirginia.edu/cvcc-counselors

(434) 832-7800

There have never been more ways to attend college for low to no cost.
Contact us to learn how you may be able to attend for free.

*See more about compensation averages on the other side.

YES, YOU CAN! | centralvirginia.edu





Welding Careers Offer:

- Excellent salaries and benefits
- Opportunities for Advancement
- Job growth and stability
- Professional Development and training

Scan to view
CVCC Programs
and register
today!



G3 AMBASSADORS

These companies partner
with CVCC to promote
the pathways below.

- Accupoint
- Aerofin
- ATCO Products
- Banker Steel Company, LLC
- Boxley
- Branch Group
- Cadence

- Carter Myers Automotive
- Cleo
- Delta Star Inc.
- Gardner, Inc.
- Hofmann
- Lawrence Brothers
- Lynchburg Nissan

- Nationwide Homes
- Riddleberger Brothers, Inc.
- Sentry
- Shickel
- Southern Air
- Virginia Metal Fab
- WestRock

Don't see your company's name but want to become a G3 Ambassador? Contact Workforce Solutions at **(434) 832-7607**.

Click to view the current list of G3 Ambassadors <https://virginiag3.com/for-employers>.

TIER 1: WELDING

JOB TITLE:
**WELDER/FABRICATOR
MAINTENANCE TECH**

PAY:
\$38-\$50K/YEAR
EDUCATION & EXPERIENCE
1-3 YEARS

TIER 2: WELDING

JOB TITLE:
WELDER FITTER

PAY:
\$45-\$60K/YEAR
EDUCATION & EXPERIENCE
3-5 YEARS

TIER 3: WELDING

JOB TITLE:
PIPE WELDER

PAY:
\$60-\$90K/YEAR
EDUCATION & EXPERIENCE
5-10 YEARS

TIER 4: WELDING

JOB TITLE:
**WELDING SUPERVISOR/
WELDING INSPECTOR**

PAY:
\$75,000+/YEAR
EDUCATION & EXPERIENCE
5+ YEARS

WHAT YOU WILL DO:

- Assist higher-level welders and work under supervision
- Read blueprints, layout, label, and weld assigned components to specifications
- Perform basic welding processes
- Assist with rework and inspection

SKILLS REQUIRED:

- Knowledge of production processes, quality control, costs, and welding materials
- Ability to perform tests and weld repairs
- Complete and comply with safety training programs
- Work in a fast-paced industrial environment
- Knowledge of machines and tools
- Physical dexterity, strength, and stamina to perform duties

WHAT YOU WILL DO:

- Weld components in vertical or horizontal position
- Lay out, position, align, and secure parts and assemblies prior to assembly
- Examine work pieces for defects
- Recognize, set up, and operate hand and welding tools
- Follow company and OSHA safety rules

SKILLS REQUIRED:

- Experience in welding/fitting or structural steel welding
- Read and interpret blueprints, weld symbols, and tape line
- Ability to work under intense conditions
- Lift up to 20 lbs. frequently; 50 lbs. occasionally
- Physical dexterity and conditioning
- Adherence to safety protocols

WHAT YOU WILL DO:

- Interpret blueprints and determine the appropriate welding equipment
- Prepare parts to be welded
- Assemble, install, and repair pipe components
- Prepare working materials
- Maintain equipment and work areas
- Ensure work is done safely and meets quality standards

SKILLS REQUIRED:

- Read and interpret documents and communicate effectively
- Ability to apply basic math skills for fittings, take offs, and pipe runs
- Solve practical problems and interpret a variety of instructions furnished in written, oral, diagram, or schedule form
- Satisfy the physical and mental demands of the job

WHAT YOU WILL DO:

- Oversee the entire welding process
- Communicate expectations and requirements to welders
- Serve as a liaison with customers
- Initiate, coordinate and enforce production, safety, and quality procedures
- Develop and implement safety policies for the workplace
- Identify defects, including those not visible to the naked eye
- Specialized knowledge of welding codes and standards

SKILLS REQUIRED:

- Detailed organization and project management skills
- Leadership and teaching/mentoring
- Understanding of technical drawings
- Knowledge of welder and welding safety standards

* Compensation averages should be used as a guide. There are numerous factors that impact actual compensation. These estimates do not include overtime, which can be a sizeable addition to base pay. Years of service and training recommendations should also be used as a guide. Company requirements vary. Note: Some companies may require pre-employment testing. Please check the job requirements. These may include an EEO Pre-Employment Test or a Physical Abilities Test.

Hourly rate source: <https://www.onetonline.org/link/summary/51-4121.00>