



Salary Ranges...

Average Annual:
\$27,420

Average Hourly:
\$13.18

Employment Opportunities...

- **Angus-Palm**
- **John Deere Power Products**
- **MTD**
- **Delfasco**
- **IMF**
- **MECO**
- **Bush Hog**

Projected Job Openings...

The estimated number of welders in Tennessee is 8,500. It is projected that there will be an increase of 29 percent through 2006 with 460 annual openings.

Source: Choices 2001

Notice of Nondiscrimination

The Center for Technology does not discriminate in employment or admission on the basis of race, color, age, sex, national origin, religion, or handicap.

The Center for Technology complies with the provisions of Title VI and Title VII of the Civil Rights Act of 1964 as amended, Title IX of the Educational Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973.

The Title VI, Title VII, and Title IX Coordinator for the Greeneville City School System and the Handicapped Coordinator and 504 Compliance Officer may be contacted at the following address:

Greeneville City Schools
P.O. Box 1420
Greeneville, Tennessee 37744-1420
(423) 787-8000

For more information contact:

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Welding Technology



GREENEVILLE/GREENE COUNTY
CENTER FOR TECHNOLOGY
1121 Hal Henard Road • Greeneville, TN 37743

Program Curriculum

Beginning Class

- I. Tools and Equipment
 - a. Shop Safety
 - b. Hand Tools
 - c. Blue Print Reading
- II. Shielded Metal Arc Welding
 - a. Electrode Selection
 - b. Running Beads
- III. Oxy-Acetylene Cutting
 - a. Torch Set-up
 - b. Cutting Techniques
 - c. Plasma Arc Cutting

Advanced Class

- I. Gas Metal Inert Welding
 - a. Equipment
 - b. Filler Rod Selection
 - c. Running Beads

- II. Gas Tungsten Arc Welding
 - a. Equipment
 - b. Filler Metal Selection
 - c. Running Beads

- III. Flux Cored Arc Welding
 - a. Shielding Gas Selection

- IV. Intro to Computers
 - a. Equipment
 - b. Basic Computing

Goals and Objectives

1. To develop sufficient skills for entry-level employment in a welding related business.
2. To stimulate sufficient interest in welding in order to encourage post-secondary education.
3. To develop and practice safe work habits.
4. To develop an understanding of employment and educational opportunities in related fields.
5. To understand and develop life skills not learned elsewhere.

Articulation

Welding classes are articulated with Northeast State Technical Community College.

Welding is taught at the Center for Technology by an American Welding Society Certified Welding Instructor who is also a Certified Welding Inspector.



SkillsUSA-VICA

Students enrolled in Welding Technology will have the opportunity to join SkillsUSA-VICA.

SkillsUSA-VICA is an internationally recognized organization. It is recognized by most industries as an excellent credential of potential employees. SkillsUSA-VICA is a leadership training organization with planned meetings and activities taking place throughout the year. There are regional, state, national, and international contests held to determine the Best of the Best for all of the trade classes.

