

# GUIDED PATHWAY TO YOUR SUCCESS

COLLEGE

CAREER

**A GREAT  
FINISH  
GRADUATE**

## Welding Tech Fundamentals

### Purpose:

This program offers a sequence of courses that provides content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the manufacturing career cluster; includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning, and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the manufacturing career cluster.

### Course Sequence Requirements:

- Welder Assistant 1
- Welder Assistant 2
- Welder, SMAW 1
- Welder, SMAW 2

### Industry Certifications:

NCCER Welding level 1,  
AWS Certified Welder

### Career and Technical Student Organizations (CTSO): Florida SkillsUSA

### Scholarship Opportunities:

- Gold Seal Vocational Scholars (Bright Futures)
- Gold Seal CAPE Scholars (Bright Futures)

### Employment Opportunities:

- Welder
- Cutter
- Solderer
- Brazier
- Production Worker

You're almost there!  
Put forth every effort to  
prepare for your industry  
certification exam. Take  
advantage of this  
opportunity to build your  
resume for your future  
career. Good luck!

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Maintain at least a 3.0 GPA in  
your program. Remember there  
are several scholarship  
opportunities available to you  
once you complete this program.  
These opportunities can pay  
75% -100% of your college tuition  
if you choose to pursue  
post-secondary education.

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Be sure to participate in your  
Career and Technical Student  
Organization (CTSO). By doing  
so you can learn more about  
your program and get involved in  
the state and/or national learning  
and work-based activities/  
opportunities.

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Enjoy this experience. This is the  
beginning of what your future will  
be. Take advantage of all of the  
learning opportunities offered to  
you.

**A STRONG  
START**