

Weld-Ed Overview

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Weld-Ed is...

- **Funding:** National Science Foundation (NSF)
- **A National Center** - Advanced Technological Education (ATE)
- **Mission:** Advancement of welding education and training



NSF ATE Program

- **Leadership** by two-year college educators to improve
 - technicians
 - the educators who teach them
- **Competitive grants** to technician education programs in two-year colleges.
- Why? Public community and technical colleges provide most of the postsecondary **technician education** in the US.

ATE Centers

- **ATE Centers** have broad missions as change agents in their fields.
 - National role
 - Regional partners
 - Employers from industry
- The programs they **develop** serve as **models**.

Weld-Ed 

The National Center for Welding Education and Training

Weld-Ed

The National Center for Welding
Education and Training

Lorain County Community College

Lead Educational Institution

American Welding Society

Lead Industry Partner

Vision

a national partnership of colleges, universities, professional societies, government, and private industry

committed to **increasing the number and quality**

of welding and materials joining **technicians**

to meet **industry demand**

Mission

To **improve** the **quality of education** and training services

To address the **hiring** and **professional development needs** of the welding industry.

Weld-Ed Partners

- **Lorain County Community College (OH) - Lead**
- American Welding Society (AWS)
- The Ohio State University
- Educational partner institutions
- Industry partners
- Other partners (NAM, MSSC, CORD, NACFAM)

Educational Partners

- **Regional Two-Year Partners**
 - Chattanooga State Technical College (TN)
 - Honolulu Community College (HI)
 - North Dakota Science College (ND)
 - Pennsylvania College of Technology (PA)
 - Texas State Technical College (TX)
 - Yuba College (CA)

Challenges

- **Perceptions** of the welding & materials joining field
- **Lack of awareness** to how welding & materials joining effect individuals
- Projected **worker shortfall** 250,000 welders
- **Accurate data** collection to justify need for support

Weld-Ed Goals

- 1. Increase the number of welding technicians to meet workforce needs.**
- 2. The comprehensive reform of welding technician education.**
- 3. Enhancing faculty professional development and continuing education.**

How Can We Help You?

- What **one thing** could we do for you and your welding career pathway to
 - **Recruit** more students?
 - **Improve program quality**
 - secondary level?
 - college level?

Help Us

What actions, strategies,
programs have
strengthened your
welding career pathway?

What works?

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