

## The National Center for Welding Education and Training

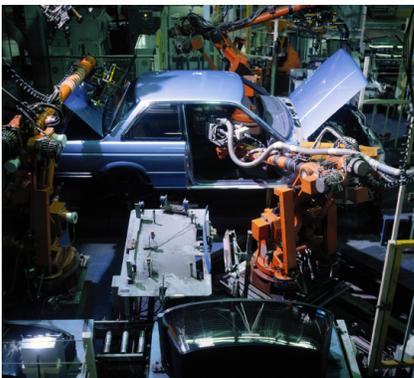
is a dynamic partnership between business and industry, community and technical colleges, universities, the American Welding Society and government. The Center is doing business as Weld-Ed through funding support from the National Science Foundation.

Weld-Ed is located in the Nord Advanced Technology Center at Lorain County Community College in Elyria, Ohio. The Weld-Ed portion of the facility is being redesigned to include state-of-the-art welding lab facilities, new classrooms and offices to support the operation. The lab facilities are being built using cutting edge technology in the materials joining industry through partnerships with the major welding equipment and supply manufacturers.

## The Weld-Ed Mission

Weld-Ed, in collaboration with business and industry, improves the quality, quantity and availability of welding technicians through advancement of educational curriculum and instructor professional development. To accomplish the mission the Center's staff and partners work collaboratively on the development of new and improved curricula in all areas of the materials joining industry. As a result of these efforts, faculty and instructors are provided continuing education opportunities throughout the academic year and in the summer months.

These new programs are specifically designed to train the next generation of workers for the materials joining industry and to upgrade the skills of existing workers.



## Center Partners

In addition, curricula and programs are being developed that will enable newly trained faculty and instructors to bring state-of-the-art materials joining to the classroom at the K-12, community and technical college and university levels.

### *Weld-Ed Education and Industry partners are:*

- Lorain County Community College (OH)
- Chattanooga State Community College (TN)
- Honolulu Community College (HI)
- Illinois Central College (IL)
- Pennsylvania College of Technology (PA)
- The Ohio State University (OH)
- Texas State Technical College (TX)
- North Dakota State College of Science (ND)
- The American Welding Society (AWS)
- Yuba College (CA)
- Weber State University (UT)
- Lockheed-Martin (TX)

## Center Goals

The Center's Goals are to:

- Increase the number of welding technicians to meet the on-going workforce needs;
- Promote comprehensive reform of welding education; and
- Promote and enhance faculty professional development and continuing education for welding educators.

The accomplishment of these goals will be a driver in the future of the materials joining industry in the U.S. Working together the educational partners, business partners and AWS are identifying the new and emerging technologies and methods that will be keys to the competitiveness of the industry. That information will be the foundation in building future curricula and services to meet the needs of current and future welders, welding technicians and welding engineers.



## Contact Information

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**Developing America's Workforce**



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## Disclaimer

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