



ACE
AMERICA'S CUTTING EDGE



The National Initiative to Put U.S. Manufacturing Back on the Map

America's Cutting Edge (ACE) is a national workforce development initiative led by IACMI - The Composites Institute® and funded by the U.S. Department of War's Office of Industrial Base Policy aimed at providing high-quality, hands-on training in the machining and manufacturing sectors. ACE is restoring the prominence of the U.S. machine tools sector through education, hands-on training, and industry partnerships.

Why ACE Matters

There is an urgent and growing need in the U.S. machining and machine tool industry for skilled individuals - operators, engineers, designers and more - in the 30,000 machining companies across America. ACE was created to help solve this challenge.

- By **2030**, the U.S. is projected to have **4 million manufacturing jobs**.
- Machine tools are integral to the U.S. industrial economy, health and welfare and national defense. Growing our advanced manufacturing workforce is essential for the U.S. to return to being a global leader in producing goods and strengthen its global position.

What ACE Does

ACE connects manufacturers, educators, workforce organizations and government partners to prepare students and workers for careers in:

- CNC machining and programming
- Composites
- Metrology
- Advanced manufacturing

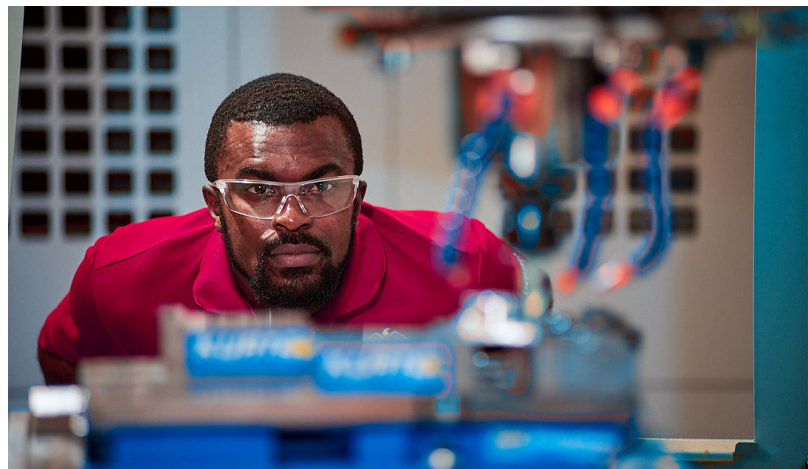
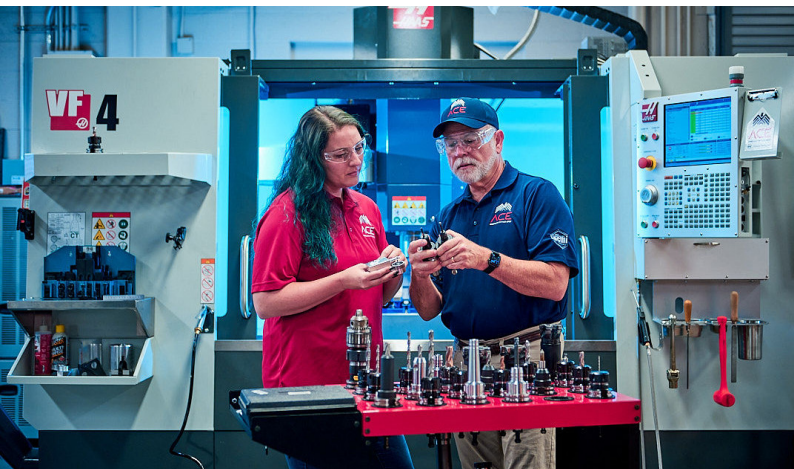
The initiative provides:

- K-12 STEM experiences
- Online training
- Hands-on bootcamps
- Mobile manufacturing training labs

Since launching in 2020, ACE has expanded to more than 48+ training sites nationwide, with plans to increase the number of ACE training sites



Learn more at
AmericasCuttingEdge.org



National Impact

ACE is part of a broader effort to revitalize America's machining industry through transformative thinking, technological innovation, and workforce development. The initiative supports manufacturers nationwide while strengthening the domestic supply chain critical to America's economy and national defense. ACE creates clear career pathways to high-paying, high-demand machining and manufacturing jobs.

ACE at a Glance

- National workforce initiative
- Led by IACMI – The Composites Institute®
- Funded by the U.S. Department of War
- Launched in 2020
- 48+ partner sites nationwide
- Supports machining, composites, metrology and advanced manufacturing industries
- Website: AmericasCuttingEdge.org

ACE by the Numbers

4 MILLION

projected U.S. manufacturing jobs needed by 2030

2020

ACE program launched

48+

ACE training sites nationwide

80

Planned ACE training sites nationwide

About IACMI

IACMI – The Composites Institute® is a Manufacturing USA institute that accelerates advanced manufacturing innovation and workforce development through collaboration among industry, academia and government. For more information, visit iacmi.org



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