"Reaffirming and strengthening America's role as the world's engine of scientific discovery and technological innovation is essential to meeting the challenges of this century."

- President Barack Obama, November 23, 2009

We deliver engaging and interactive educational outreach programs to students, teachers, and the community-at-large to help change the public perception of manufacturing by demonstrating how STEM skills apply to high-tech careers serving the manufacturing industries that are essential to life.

STEM = Partnerships

Learn more at craigtechinc.com and ctadmc.com.
Craig Technologies is committed to the idea of community and believes that corporate support of civic initiatives is imperative to economic development. We challenge other business leaders to engage their time and resources for the benefit of social integrity and the future of the marketplace.

- **53%** of Americans believe school systems provide exposure to manufacturing skills.
- **30%** of Americans believe school systems encourage students to pursue manufacturing careers.
- Only 1 in 3 parents would encourage their children to pursue a career in manufacturing.
- Those familiar with manufacturing are **twice as likely** to encourage a child to pursue manufacturing.

www.themanufacturinginstitute.org
Science, Technology, Engineering, Math

STEM = Results

After our programs, students said they learned:
- The machines the workers use.
- How to cut metal with an EDM.
- What CAD/CAM/CMM is.
- What 3D printing looks like.
- How the waterjet works.
- How to use a conductivity meter.
- All of it is automated.
- Importance of software.
- The jobs the workers have.

How to procure essential material.
Importance of shipping and receiving.
Understanding of the quality-check field of engineering.
Engineering means making stuff work.
Suggestion for what to do when entering college.
Aspects of a good resume.
Making things takes a long time.
Knowing what everyone else has to do around helps you be better at your job.
Art and music in STEM can help you learn and work with parts design, advertisement, and innovation.

“There is more to manufacturing than meets the eye.”

To learn more, contact our STEM Outreach Coordinator:
Carey Beam, APR, CPT
carey.beam@craigtechinc.com, 321.613.5620 Ext. 230

- Overwhelming overall satisfaction (~100%) to our outreach programs.
- 69% of MFG DAY event attendees surveyed said their opinion of modern manufacturing and STEM careers changed for the better.
- 10/24 AMI Kids students before Career Day said they had thought about working in a STEM-related career. After the program with our SMEs, 21/24 students said they would think about a possible career in STEM or manufacturing.
- 100% of Mini-Mester students stated the experience helped them to think about a possible career in STEM or manufacturing.
- Hands-on activities were called out as being the best part of the programs, and more time to interact was repeated as an area to improve.