

Science, Technology, Engineering, Math STEM = Thinking Ahead

"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

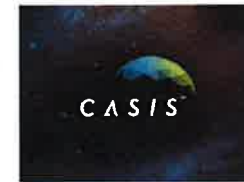


ENGINEERING | TECHNOLOGY | MANUFACTURING



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.

Science, Technology, Engineering, Math STEM = Partnerships



Florida Institute of Technology



STEM ALLIANCE
of Central Florida



GIRL SCOUTS

Junior Achievement®



BOYS & GIRLS CLUBS
OF AMERICA



Learn more at craigtechinc.com and ctadmc.com.

Science, Technology, Engineering, Math STEM = Capabilities



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.

In-House

Access to Subject Matter Experts
Modern manufacturing facilities
Real-world application
Certified educator
Tailored curriculum
Job shadow
Internships
Grant support

Community-Based

Industry representation and advisement
Off-the-shelf program implementation
Competitions and challenges
Asset mapping and inter-connecting
Volunteer recruitment and placement
Career fairs



Scan the code
to take our
VIRTUAL TOUR!

- **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.

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.

