



SOCIETY OF MANUFACTURING ENGINEERS





SME At A Glance

- **Provide manufacturers with the technical knowledge and relevant tools to compete in the global marketplace.**
- **Build support and awareness of the contributions of manufacturing and manufacturing engineering-creating a positive image.**
- **Link industry to & Lead the transformation of manufacturing education.**
- **Advance professional skills and competencies of manufacturing technicians, technologists, engineers and team leaders.**
- **Facilitate practitioners' knowledge and skills during this very intense period of technological change .**

SME WORKFORCE DEVELOPMENT

Proposed Center for Manufacturing Education

Industry Partners

Exhibitors, Advertisers, Vendors & Associations

Professional Development

Certification, Tooling U & Corporate Training

Technical Communities

Mfg Ed & Research - NAMRI - CIRP

Conferences & Events

Pipeline Development

Student Chapters, SME Education Foundation

Journals

Technical Publications & Papers

Jobs Connection

Publications

Manufacturing Engineering

MEMBER & INDUSTRY RELATIONSHIP MANAGERS

**Membership: Chapters;
Technical Community
Networks**

**Events: Expositions;
Technical Conferences**

**Publications: Manufacturing
Engineering; Yearbooks;
Newsletters; Journals,
Articles**

**Professional Development :
Certifications; Assessments;
Webinars; Training**

**Digitized Books, Videos,
DVDs**

**Tooling U, 24/7 online
learning**

SME Education Foundation:



**Industry Strategies: Aerospace &
Defense; Energy; Medical Device;
Transportation;**

**Event Partnerships: AMT; American
Welding Society; Precision
Metalforming Association;
Fabricators & Manufacturers
Association;**

**Association Partnerships:
Manufacturing Institute; National
Institute for Metalworking Skills;
American Society of Quality;
Automation Federation**

**Government Partnerships: NIST
MEP System, Canada's IRAP; Dept.
of Commerce, Dept. of Defense,
Dept. of Energy**

**Education Partnerships:
Accreditation Board for Engineering
& Technology**



SME Pipeline Support

- POTUS – Mentor 1,000 students annually for 5 years
- SME Student Chapters, NCME, Bright Minds
- SME Student Chapters – IAC Center Integration
- Mfg Education & Research; Lean; L2G; Sustainable Mfg.
- SME-EF: Scholarships; PLTW; Computer Integrated Manufacturing; PRIME; CareerME
- SkillsUSA; FIRST Sponsorship
- HAAS – HTEC Pilot
- NSF-Funded Advanced Technology Education centers

Benefits of Working Together

Manufacturing is #1 Consumer of Energy

Cross-functional teams

Manufacturing/Process Knowledge

Potential Additional Follow Up

Respect for Each Other's Expertise-EE's Deep Dive into Energy; ME Broad Responsibility at a Plant

Long-term Understanding of Potential Connectivity – Future Ramifications

SME POINTS OF CONTACT

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