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THE MANUFACTURING WORKFORCE EVENT

DETROIT, MI

April 8-10, 2025

April 9, 11:00 AM – 12:00 PM

Preparing the Next Generation Workforce: Education-Industry Partnerships for Success



Dr. Shelley Wooley,
moderator

Director, Education Programs
SME Education Foundation



Paul Aiello
Executive Director
FANUC America
Corporation



Daniel Rodriguez
Sales Director
Didactic NAM,
Festo Didactic, Inc.



Jenny Geno
Workforce Development
Specialist
Hemlock
Semiconductors



Rob Baker
Physics & Engineering
Teacher
Frankenmuth High
School



Preparing the Next Generation Workforce: Education-Industry Partnerships for Success

Inspiring, Preparing and Supporting the next generation of manufacturing and engineering talent



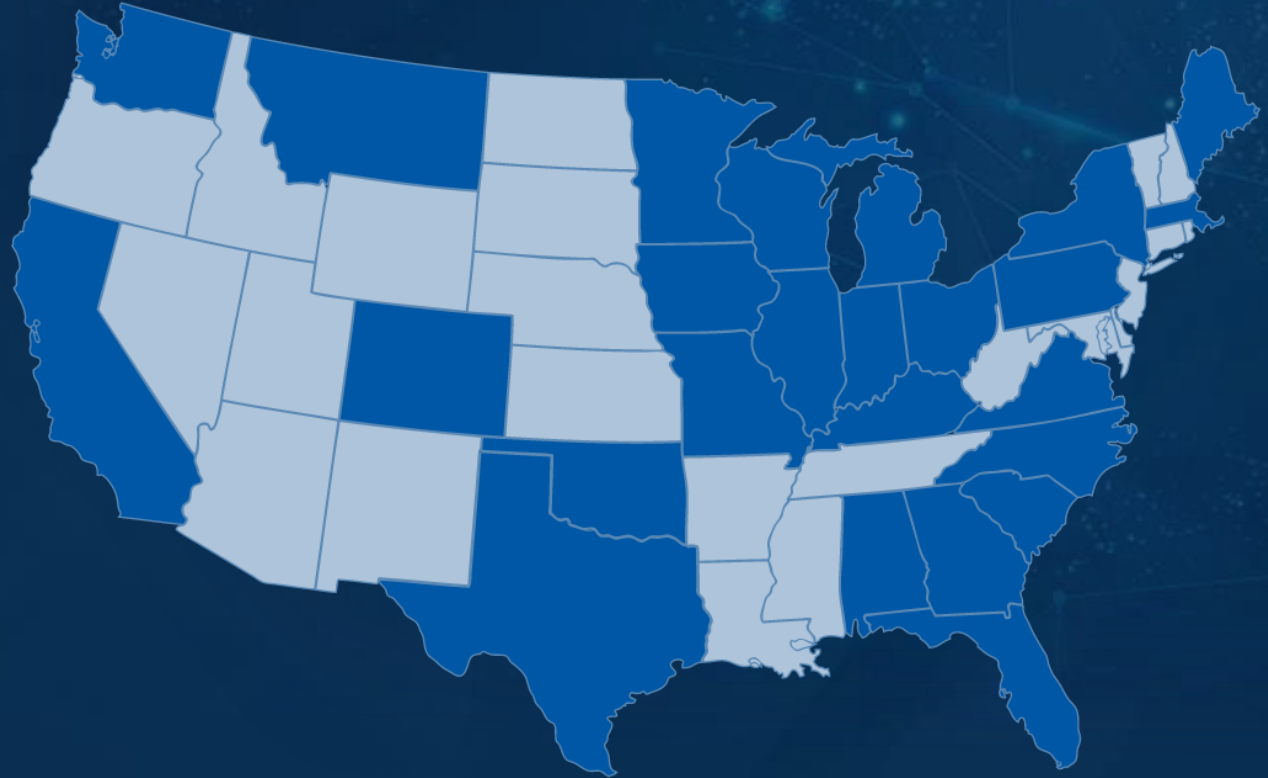
SME PRIME is one of the most comprehensive manufacturing and engineering programs for high school students in the United States.

**Equipment | Curriculum & Certifications | Professional Development
Extracurricular Activities | Scholarships | Sustainability Funding**



Inspire. Prepare. Support.

- Builds manufacturing and engineering programs inside of high schools across the country
- Informed by the local manufacturers within the community.
- Tailored to meet the needs of local industry
- 118 schools - 25 states
- 12,000 students served annually



States with SME PRIME Schools

91%

of students graduating from PRIME® schools are pursuing careers in manufacturing.

33% - 4-year University

- (Man./Eng. Program)

22% - 2-year Community College

- (Man./Eng. Program)

28% - Trade School or Apprenticeship

17% - Workforce

- Manufacturing or Engineering



Evolution of Robotic Educational Experience with Frankenmuth High School

From Student Designed Robot to
using a Fanuc CRX Cobot

