NEEDED MATH: Targeted Research to Identify Mathematics Competencies and Align Mathematics Education for Skilled Technicians in Advanced Manufacturing.

ABSTRACT

NEEDED MATH is a three-year Targeted Research Project in Technician Education to improve alignment of the mathematics taught in two-year technical colleges with the math manufacturing technicians use in the workplace.

Research involves industry site visits, and surveys of manufacturing technicians, technical subject, and mathematics instructors—to compare their perceptions about mathematics needed.

National Collaborative Working Groups will support two-year college mathematics reform based upon local needs and constraints.

WE ARE NOW FORMING COLLABORATIVE WORKING GROUPS ACROSS THE COUNTRY TO HELP DEVELOP INDUSTRY-BASED MATH-RICH SCENARIOS TO ILLUMINATE CC INSTRUCTION.

WOULD YOU LIKE TO JOIN US?

NEEDED MATH SURVEY

WE SURVEYED MEMBERS OF THREE GROUPS:
Manufacturing Industrialists/Technicians, CC Manufacturing Instructors, Mathematics Educators.

TO COMPARE THEIR PERCEPTIONS ABOUT:
The Mathematics Needed by Manufacturing Technicians to be Successful in the Workplace

LET’S DISCUSS OUR FINDINGS!

FOR FURTHER INFORMATION
See www.neededmath.org
Or contact us: NEEDEDMATH@gmail.com