

FERRIS STATE UNIVERSITY

COLLEGE OF ENGINEERING TECHNOLOGY



MACHINIST COMPETITION 2023

MANUFACTURING ENGINEERING TECHNOLOGY PROGRAM HOSTS 3RD ANNUAL MACHINIST COMPETITION

The Manufacturing Engineering Technology program in the College of Engineering Technology recently hosted the 3rd Annual Machinist Competition. Students from 16 skills centers across Michigan traveled to campus to participate. The competition consisted of four categories: Manual Mill, Manual Lathe, Surface Grinder, and Metrology. Machining students had a 75-minute timeframe to complete their part from a blueprint using Ferris lab equipment. They used the Advanced Metrology Lab, both the Coordinate Measuring machine as well as the Oasis Visual System, to measure each part quickly and accurately. Metrology students had 90 minutes to complete measurements at five different stations.

While not competing, students were allowed to tour the CNC area of the Machining Lab to observe various demonstrations including 5-axis CNC milling, Wire EDM (Electro Discharge Machining), CNC Lathes

running parts, CNC mill with Flow Drill Technology, and a Flatbed Laser. Industry professionals were available for networking.

The day also included lunch at The Rock Café on campus. In addition to the student competitors, over 20 Ferris students from the Manufacturing Engineering Technology, Manufacturing Technology, Automotive Engineering Technology, Plastics Engineering Technology and Social Work programs volunteered to help make this day a great success.



TOP DOG AWARDS!

This year's competition resulted in three "Top Dogs" for each category in lieu of having first, second and third places. With great appreciation to our sponsors, each Top Dog received a \$500 scholarship to use for enrolling in the Manufacturing Technology program at Ferris, a Kennedy 7-drawer machinist chest, an outstanding collection of hand tools, and a Top Dog Sweatshirt!

Manual Mill

Top Dogs (from L to R)

- Jevik Freeman of Careerline Tech
- Jack Morley of Eaton RESA
- Austin Primeau of Wilson Talent Center



Surface Grinder

Top Dogs (from L to R)

- Brady Rutledge of Lapeer Ed Tech Center
- Corson Loll of Bay-Arenac Skill Center
- Isaac Hughes of Mecosta-Osceola Career Center



Manual Lathe

Top Dogs (from L to R)

- John Ratajczak of Bay-Arenac Skill Center
- Ryan Finkler of Eaton RESA
- Karson Ewall of Bay-Arenac Skill Center



Metrology

Top Dogs (from L to R)

- Callum Bloor of Saline High School/SWWC
- John Mark Feiger of Northwest Ed Tech
- Tyler Veltkamp of Newaygo County CTC



An ENORMOUS thank you to our industry partners.

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