

BRIDGING THE SKILLS GAP IN SMART MANUFACTURING THROUGH A NEW TECHNICIAN EDUCATION PROGRAM



2022 Smart Manufacturing Technology Summit Professional Development Event

August 4, 2022 8:30 a.m. – 1:30 p.m.
Held at Marion Technical College

8 attendees which included
instructors from local career centers



What was covered at the one-day event?

- Industry keynote speaker – Ohio Health Site Supervisor, Clinical Engineering
- Two breakout sessions
 - Engineering: Smart robot kit assembly and control
 - IT - Raspberry Pi/Python coding hands on activities
- Overview of Smart Manufacturing online Hub platform created to share resources, discuss pathways etc. with high school instructors and administrators
- Attendees had the opportunity to take back robot kits to try out in their classroom.



ENGINEERING TRACK ACTIVITY

	STRONGLY AGREE	AGREE	UNSURE
I would've liked to participate in both tracts: IT + Engineering.	75%	25%	0%
The time allocated to work through the hands-on activities was sufficient.	50%	50%	0%
I had enough background knowledge to carry out the activity and required analysis.	25%	50%	25%

THE HANDS-ON ACTIVITY BROADENED MY UNDERSTANDING OF:

Industry robots & their components	50%	25%	25%
Where and how to implement this activity into the curriculum	50%	25%	25%
Wiring & operation of servo motors	25%	50%	25%
Electronic components	25%	50%	25%
Wiring of circuits/electronics	0%	75%	25%



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HAVE QUESTIONS? CONTACT:

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Or scan the QR code
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