



Marion Technical College
Smart Manufacturing Summit (2022)

* Dear Smart Manufacturing Summit Participant,

You have been selected to participate in the *Smart Manufacturing Summit Participant Survey*. Please note that your responses and your participation in this survey will be kept confidential. Your responses will only be used to help us understand how we can best serve faculty with professional development engagements, and form partnerships with other educational institutions.

Per Marion Technical College requirements, all participants must complete an informed consent prior to research participation. There are no known physical or psychological risks associated with participation in this study. By checking "I agree," you are attesting that you have read this informed consent form, that you understand your role in this survey, and that you agree to voluntarily participate in this survey. You may quit taking the survey at any time without penalty. You may opt out entirely by checking "I decline."

☐ I agree

☐ I decline

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How did you first learn about this smart manufacturing summit?

- ☐ From a colleague or superior
- ☐ From an email
- ☐ From a website or social media post
- ☐ Other (please specify)

What is your gender?

- ☐ Female
- ☐ Male
- ☐ Non-binary
- ☐ Prefer not to say
- ☐ Other (please specify)

What is your race and ethnicity? (Select all that apply)

- ☐ White or Caucasian
- ☐ Black or African American
- ☐ American Indian or Alaska
- ☐ Native Asian
- ☐ Native Hawaiian or Other Pacific Islander
- ☐ Hispanic/Latino
- ☐ Bi/Multi racial
- ☐ Prefer not to say
- ☐ Other (please specify)

Select the highest degree you have obtained?

- ☐ Doctorate (Engineering)
- ☐ Doctorate (Other)
- ☐ Master's degree (Engineering)
- ☐ Master's degree (Other)
- ☐ Bachelor's degree (Engineering)
- ☐ Bachelor's degree (Other)
- ☐ Associate's degree (Engineering)
- ☐ Associate's degree (Other)
- ☐ Technical or occupational
certificate

Select the response that best describes your experience participating in the smart manufacturing summit.

	Strongly Agree	Agree	Disagree	Strongly Disagree	I'm unsure
The objectives of the summit were communicated clearly.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The summit was a well-organized event.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The content presented kept me engaged throughout the summit.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The time commitment to attend the entire summit was reasonable.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The summit achieved a balance between content delivery and discussion.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Select the response that best describes your experience participating in the smart manufacturing summit.

	Strongly Agree	Agree	Disagree	Strongly Disagree	I'm unsure
The keynote presentation improved my understanding of how smart manufacturing can be applied/beneficial to manufacturing operations.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The overview of the Marion Tech Smart Manufacturing hub on Canvas helped me understand how to use this forum.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I intend to use the information and/or materials acquired at this summit in my current work.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I intend to share the information and/or materials acquired at this summit with a colleague	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Which track-based activity did you choose?

- ☐ IT
- ☐ Engineering

Select the response that best describes your experience participating in the IT track activity.

	Strongly Agree	Agree	Disagree	Strongly Disagree	I'm unsure
I would have liked to participate in both tracks: IT and engineering.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The time allocated to work through the hands-on activities was sufficient.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I had enough background knowledge to successfully carry out the hands-on activity and perform any required analysis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The hands-on activity broadened my understanding of where and how to implement this activity.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The hands-on activity broadened my understanding of:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(a) Python programming	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(b) Raspberry Pi	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(c) integration of sensors with a program	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(d) software applied to controlling hardware	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

I am interested in introducing some version of this hands-on activity in the courses I teach or may teach in the future.

- ☐ Agree
- ☐ Disagree
- ☐ I'm unsure

Select the response that best describes your experience participating in the engineering track activity.

	Strongly Agree	Agree	Disagree	Strongly Disagree	I'm unsure
I would have liked to participate in both tracks: IT and engineering.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The time allocated to work through the hands-on activities was sufficient.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I had enough background knowledge to successfully carry out the hands-on activity and perform any required analysis.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The hands-on activity broadened my understanding of where and how to implement this activity into curriculum.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The hands-on activity broadened my understanding of:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(a) electronic components	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(b) wiring of circuits/electronics	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(c) industry robots and their components	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
(d) wiring and operation of servo motors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

I am interested in introducing some version of this hands-on activity in the courses I teach or may teach in the future.

- ☐ Agree
- ☐ Disagree
- ☐ I'm unsure

In which course(s) that you teach could you incorporate this activity? Please specify the course code and title or indicate "none."

I have the equipment/software to carry out this activity and/or funds available to procure the required equipment/software.

- ☐ Agree
- ☐ Disagree
- ☐ I'm unsure

I would require additional professional or technical training to carry out this activity in my classroom.

- ☐ Agree
- ☐ Disagree
- ☐ I'm unsure

Are you interested in teaching any of the following CCP courses? (Select all that apply)

- ☐ Applied technical math
- ☐ Applied physics
- ☐ Engineering technologies
- ☐ Cybersecurity
- ☐ None of the above
- ☐ Other (please specify)

If we may reach out to you about your interest in teaching CCP courses, please provide your contact information.

Name	<input type="text"/>
Title	<input type="text"/>
Institution	<input type="text"/>
Address	<input type="text"/>
City/Town	<input type="text"/>
State	<input type="text"/>
ZIP	<input type="text"/>
Email address	<input type="text"/>
Phone number	<input type="text"/>

We are seeking your feedback to help us plan for next year's summit.

What is your biggest takeaway from the smart manufacturing summit?

What recommendations do you have for next year's summit (format, topics, hands-on activities, etc.)?

For planning purposes, what month(s) would work best for the 2023 summit? (Select all that apply)

- ☐ May
- ☐ June
- ☐ July
- ☐ August

Thank you for taking the time to complete this survey.