**CollaborATE Summer Working Connections Survey**

*Hezel Associates, a Syracuse based research firm, is evaluating the Summer Working Connections sessions as part of the CollaborATE project. As part of our responsibility we are conducting a participant survey. Participation in the following survey is optional. This study is being coordinated with Margie Porter, Principle Investigator. If you have any questions about this study, you can contact any of the individuals listed below, including Solutions IRB—our external review board charged with ensuring we treat study participants ethically—for more details about the study. Thank you for your time!*

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| --- | --- | --- | --- | --- | --- | --- |
| **Which state were you recruited from for the Summer Working Connections?** | | | | | | |
|  | | | | | | |
|  |  | Illinois |  | Maryland |  | Florida |
|  | | | | | | |

**The following statements are related to the week-long training sessions you just participated in.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Please mark the corresponding day for each statement.** | **Session Day** | | | | |
|  |  |  |  |  |  |
| Please select the day that was the most informative to you. |  |  |  |  |  |
| Please select the day that was the least informative to you. |  |  |  |  |  |

| **Please mark your level of agreement with each statement, where 1 is “Strongly disagree” and 7 is “Strongly agree.”** | **Strongly**  **disagree** | |  |  | **Neither agree nor disagree** | | |  |  | **Strongly**  **agree** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | |  | |  |  | |  | |  |
| It is clear to me why I was selected for this workshop. |  |  | |  | |  |  | |  | |  |
| The workshop’s goals were clear to me. |  |  | |  | |  |  | |  | |  |
| There was adequate time to cover all the material in the sessions. |  |  | |  | |  |  | |  | |  |
| I had opportunities to get individualized feedback during the training. |  |  | |  | |  |  | |  | |  |
| I had an opportunity to collaborate with my peers during the training. |  |  | |  | |  |  | |  | |  |
| I learned new skills and knowledge about mechatronics during the training. |  |  | |  | |  |  | |  | |  |
| The instructor(s) communicated the content effectively. |  |  | |  | |  |  | |  | |  |
| The training was grounded in real-world discussions of the application of mechatronics. |  |  | |  | |  |  | |  | |  |
| The hands-on trainer materials were effective training tools. |  |  | |  | |  |  | |  | |  |
| The workshop was relevant to my classroom teaching back home. |  |  | |  | |  |  | |  | |  |
| I understand how to implement what I learned back home. |  |  | |  | |  |  | |  | |  |
| The trip to see a local manufacturer’s facility provided me with a deeper understanding of real-world applications of mechatronics. |  |  | |  | |  |  | |  | |  |
| My knowledge of engineering design processes and tools (CAD, 3D printing, etc.) has increased because of the training. |  |  | |  | |  |  | |  | |  |
| My knowledge of electrical power and wiring has increased because of the training. |  |  | |  | |  |  | |  | |  |
| My knowledge of programmable logic controllers (PLCs) has increased because of the training. |  |  | |  | |  |  | |  | |  |
| My knowledge of motor controls increased because of the training. |  |  | |  | |  |  | |  | |  |
| My knowledge of pneumatics increased because of the training. |  |  | |  | |  |  | |  | |  |
| My knowledge of building affordable trainers increased because of the training. |  |  | |  | |  |  | |  | |  |
| My overall knowledge of mechatronics increased because of the training. |  |  | |  | |  |  | |  | |  |
| Meeting with colleagues outside of my school and state provided me with a broader context for understanding mechatronics. |  |  | |  | |  |  | |  | |  |
| Interacting with the colleges hosting this workshop broadened my understanding of mechatronics career pathways being developed. |  |  | |  | |  |  | |  | |  |
| I would participate in similar trainings if offered in the future. |  |  | |  | |  |  | |  | |  |

| **Please mark likeliness of each statement, where 1 is “Not at all likely” and 7 is “Very likely.”** | **Not at all likely** | |  |  | **Likely** | | |  |  | **Very likely** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | |  | |  |  | |  | |  |
| I will implement what I learned from this session back home. |  |  | |  | |  |  | |  | |  |
| I will share the knowledge gained at this workshop with my colleagues in my home district. |  |  | |  | |  |  | |  | |  |
| What I learned will positively influence teaching students in my district about mechatronics. |  |  | |  | |  |  | |  | |  |
| My district will participate in collaborations on mechatronics with local colleges or employers. |  |  | |  | |  |  | |  | |  |
| My district will be better informed about pathways to a career in mechatronics for interested STEM learners. |  |  | |  | |  |  | |  | |  |

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| --- | --- | --- | --- | --- |
| **Which topic areas do you feel you still need more information, training, or help on? *(Select all that apply)*** | | | | |
|  | | | | |
|  |  | Developing curriculum |  | Designing electrical circuits |
|  |  |  |  |  |
|  |  | Partnerships with local colleges |  | Electrical wiring |
|  |  |  |  |  |
|  |  | Aligning pathways to a career in mechatronics |  | Mechatronics components and tools |
|  |  |  |  |  |
|  |  | Recruiting students |  | Input controls (controllers, switches, buttons, etc.) |
|  |  |  |  |  |
|  |  | Developing low cost trainers |  | Output controls (light towers, alarms) |
|  |  |  |  |  |
|  |  | Safety training |  | Incorporating sensors |
|  |  |  |  |  |
|  |  | System design & diagramming |  | Programable logic controllers (PLCs) |
|  |  |  |  |  |
|  |  | Computer aided design (CAD) |  | Programming/Software/Coding |
|  |  |  |  |  |
|  |  | 3D printing |  | Pneumatics (cylinders, valves, regulators, pumps, etc.) |
|  |  |  |  |  |
|  |  | AC/DC power |  | Using faults/troubleshooting |
|  |  |  |  |  |
|  |  | Other (Please specify): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
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