

Advanced Manufacturing & Robotics

“Manufacturing is more than just putting parts together. It’s coming up with ideas, testing principles and perfecting the engineering as well as final assembly.”

-James Dyson

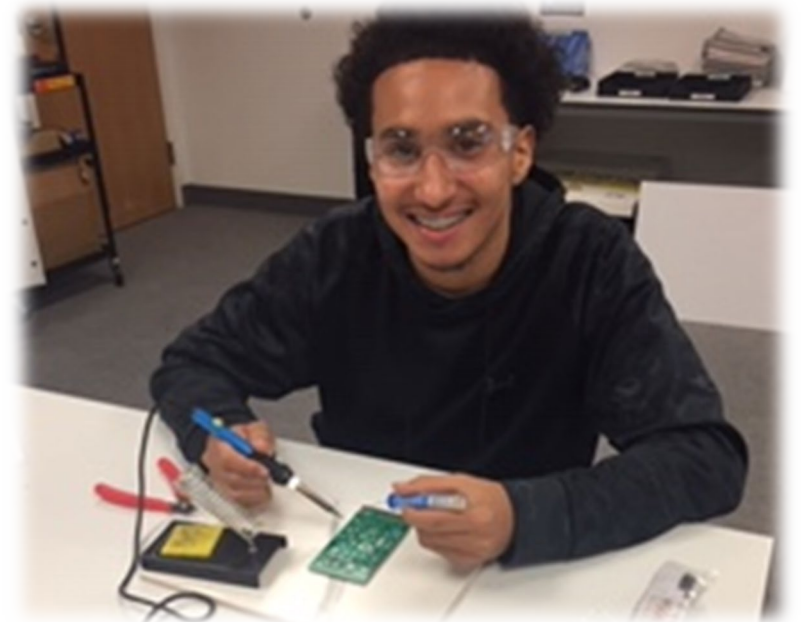
Please note that this Powerpoint has been modified from its original version to be more accessible.

Partnership of Monmouth County Vocational School District and Festo Didactic Inc.

- **Mission:** To provide a unique opportunity for high school students of Monmouth County to develop the necessary skills to meet the demands of the Advanced Manufacturing industry. Students will develop the necessary skills through rigorous academic course work, hands-on activities and Structured Learning experiences.

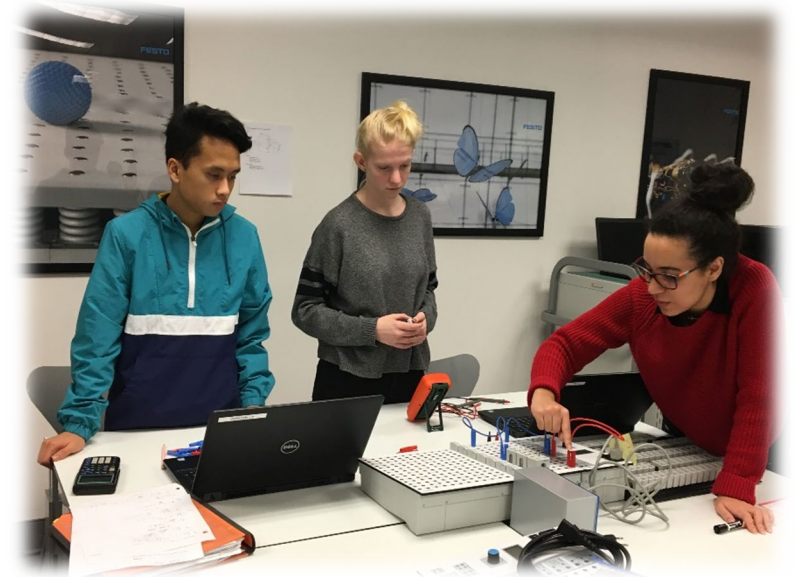
Advanced Manufacturing & Robotics Program

- 2 year Shared Time Program
 - Level 1 & Level 2
- Juniors in High School throughout Monmouth County
- Location (2 years)
 - Festo Didactic Inc.
 - Eatontown, New Jersey



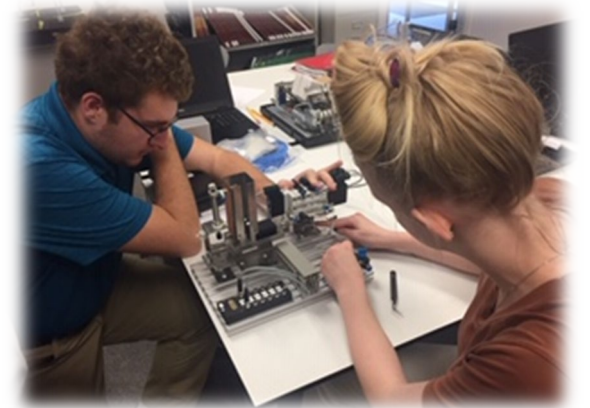
Our partnership with Festo Didactic

- Class is on location at Festo Didactic Inc.
- Train the Trainer Program
- Collaboration with community
- Support Team for authentic learning experiences



What is innovative about the program?

- Authentic Learning Opportunities within the classroom
 - Emphasizing and demonstration of professionalism
 - Opportunity to develop skills on industry equipment
- Structured Learning Opportunities
- Industry Recognized Certification(s)
- Smooth Transition to Employment or Post Secondary Education

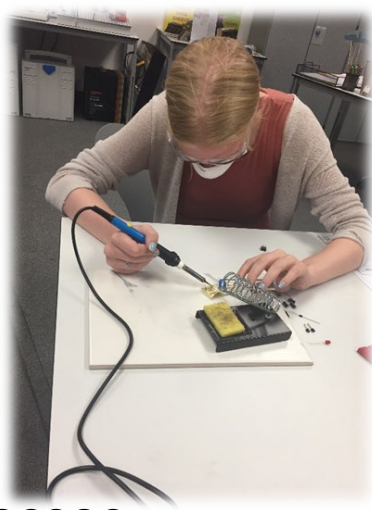


Structured Learning Experiences

- Alicia Davis - Brecoflex Co LLC - Eatontown NJ
- Raymond Collazo - Brecoflex Co LLC - Eatontown NJ
- Sean Murphy - Spinning Designs Inc - Farmingdale NJ
- Samuel Shipley - Task USA Inc - Keyport NJ
- Jordan Varcadipane - Shore Printed Circuits - Eatontown NJ
- Robert Conley - Krell Technologies Center - Neptune City NJ

Lessons and Experiences

- Importance of collaboration with partnering businesses.
 - Opens doors of opportunity for our students as well as the local businesses
- The benefits of holding a class offsite
 - Provides a sense of importance and professionalism
- Improve, adapt and modify curriculum based on community/industry needs.
- Provide a wide range of knowledge and technical skills for multiple career pathways in the field of manufacturing.



Quote

- “The electric light did not come from the continuous improvement of candles” - Oren Harari