

Fund for Excellence for Mechatronics at the Gettysburg Campus



In Adams County and Hanover, manufacturing is alive and thriving – from fruit and vegetable processing, poultry and snack food processing to durable goods. The challenge is finding people to fill the jobs associated with these occupations. According to the Pennsylvania Department of Labor and Industry, the Adams County profile for January 2018 shows that jobs in the 130 manufacturing industries account for 6,194, or nearly 20 percent, of the 34,550 workers in the county's 2,156 industries.

The Fund for Excellence for Mechatronics at the Gettysburg Campus will ensure we remain up-to-date with the most advanced technology that our students will encounter in the workplace. In the Mechatronics Program, HACC students get hands-on experience programming, maintaining and repairing various electronic, electrical, pneumatic, hydraulic and other mechanical equipment. However, purchasing the equipment to keep students on the cutting edge can be costly.

The Fund for Excellence for Mechatronics at the Gettysburg Campus will provide the financial support needed for the most innovative and advanced programs, equipment and initiatives such as:

Purchasing state-of-the-art robotic equipment used in the advanced manufacturing workplace

Both the “pick and place” and welding robots are widely used in the manufacturing industry. To ensure that our students are able to meet industry demands, the Gettysburg Campus will purchase five robots to accommodate a class of 15 students. Students will learn to program the robots with different actions using computerized technology and troubleshoot by solving for fails.

Developing the curriculum in manufacturing

As more advanced technology is integrated into the manufacturing workplace, additional coursework will need to be developed to teach students how to use the new equipment. With the most up-to-date and relevant curriculum, our students will be ready to take on current and future technology changes in the manufacturing industry.

Purchasing and upgrading equipment and technology to ensure laboratories match Adams County and Hanover manufacturing industry training needs

The manufacturing industry dominates the workforce in Adams County and Hanover. This fund will help the Gettysburg Campus' Mechatronics Program stay relevant by providing the opportunity for our students to use new, industry standard equipment and technology.

Access to advanced technology and equipment not only helps our students be successful, it produces a workforce that can keep the manufacturing industry thriving. YOU can support these mechatronics initiatives and more by visiting hacc.edu/GiveNow to make a gift to the Fund for Excellence for Mechatronics at the Gettysburg Campus.

For more information, please contact Shannon Harvey, vice president at HACC's Gettysburg Campus, at 717-339-3503 or ssharvey@hacc.edu.



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