



*A local alliance of leaders, game changers and innovators.*

2110 South Cedar St.  
Lansing, MI 48910

P: 517.492.5588  
F: 517.487.0113

[www.camconline.org](http://www.camconline.org)

## Capital Area Career Center

The Capital Area Career Center offers five programs in the Engineering/Manufacturing & Industrial Technology pathway including; Engineering Technologies, Automotive Technologies, Construction Technology, Precision Machining Technology and Welding Technology. These programs are available to high school juniors and seniors and students have the opportunity to earn both high school academic credit as well as college credit.

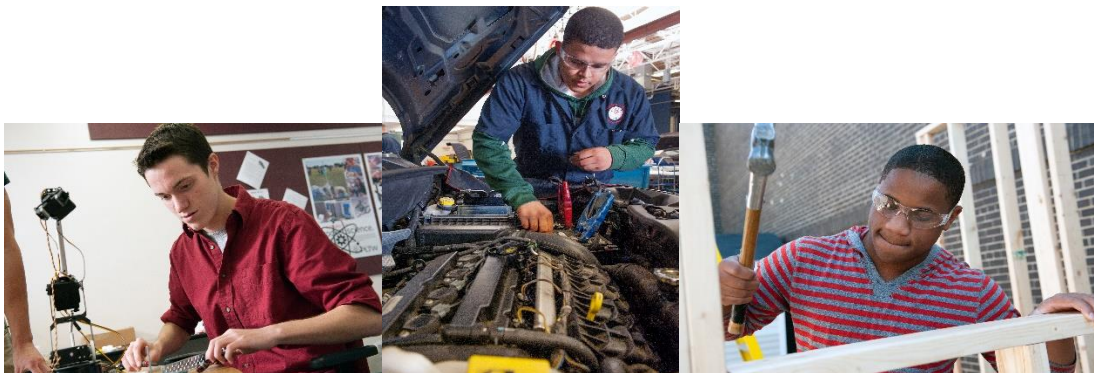
Many of these programs also provide students the opportunity to earn either a state or national certification and participate in job shadows or work-based learning with local employers. Below are three specifically related to manufacturing careers.

**Engineering Technologies:** High-tech robotics, advanced electronics and state-of-the-art manufacturing are just a few of the topics this exciting program covers. Students focus on the process of defining and solving a problem, not just getting the right answer. They will learn how to apply STEM (Science, Technology, Engineering and Mathematics) skills to make the world a better place through innovation.

**Precision Machining Technology:** Today, careers in manufacturing are exciting, cutting-edge and filled with endless possibilities. Machinists are needed for windmill production, medical equipment, auto parts and many other industries that require precise metal parts and equipment. Students in this program will learn to operate sophisticated manual and computerized drills, lathes, mills and grinders, while also using Computer-Aided Manufacturing (CAM) software programs.

**Welding Technology:** As careers in manufacturing and construction become increasingly technical, welding is one of the last remaining true industrial crafts. In this program, students learn the art and technology of joining metals together with heat using special equipment to perform different welding processes such as oxy-fuel cutting and brazing, gas metal arc, gas tungsten arc, plasma arc cutting and shielded metal arc welding.

For more information on these programs, please visit our website at [www.inghamisd.org/cacc](http://www.inghamisd.org/cacc).



*Representing Clinton, Eaton, Ingham, Livingston & Shiawassee Counties*