



BARTOW COUNTY
COLLEGE & CAREER
ACADEMY

Robotics & Engineering

This pathway is for the student who likes to fix things or create new designs. The Robotics and Engineering pathway has been developed to provide students with a strong foundation in the skills needed by the advanced manufacturing industry (Budweiser, Shaw, Toyo Tire, etc.). Students in this pathway will study electronics, mechanics, fluid power, electrical control systems, computers, and robotics among other topics.

Careers in the Robotics and Engineering field have been deemed high needs by the Governor of Georgia and therefore tuition at all 2-year programs is completely free *and* there are scholarships to help with books and fees!! Workers with these skills are in such high demand that starting salaries are among the highest of all occupations. For example, with only two years of training a technician can start repairing robots for \$25/hr. at Toyo Tire tomorrow. An engineer with four years of training can start at \$58,000/yr.!! Every employer in America is looking for Robotics and Engineering specialists right now so the salaries and benefits are among the best in any career.

Careers in Mechatronics Engineering

Mechatronics Engineer
Robot Installation and Maintenance
Automation Engineer
PLC Programming

Electronics Technician
Robotics Engineer
Troubleshooting and Maintenance
Automation Equipment Installation

Mechatronics Engineering

Intro to Mechatronics—DC Theory, Pneumatic Systems & Programmable Logic Controllers

21.4620070

AC Theory, Electric Motors & Hydraulic Systems

21.4630070

Semiconductors, Mechanical Systems & Pump & Piping Systems

25.57400

