

ADVANCED MECHATRONICS ENGINEERING TECHNOLOGY - BASIC TECHNICAL CERTIFICATE (BTC)

Explore More About This Program: <https://cwi.edu/program/advanced-mechatronics-engineering-technology>

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Establish basic work and study habits.
- Demonstrate cognitive problem-solving abilities related to the mechatronics and electronics field.
- Demonstrate cognitive and effective mathematical skills related to the field of mechatronics.
- Develop a verbal and mental vocabulary for components and devices related to the field of mechatronics.
- Read and effectively interpret mechatronics and electronic schematic diagrams as they relate to physical circuitry and processes.
- Analyze and repair faults in basic electronic and mechatronics systems.
- Demonstrate a working knowledge of test equipment associated with learning areas.
- Apply essential mechatronics and electronic principles, laws, and formulas.