



MECHATRONICS TECHNICIAN

Duties: Electro-mechanical technicians typically do the following:

- Read blueprints, schematics, and diagrams to determine the method and sequence of assembly of a part, machine, or piece of equipment
- Verify dimensions of parts, using precision measuring instruments, to ensure that specifications are met
- Operate metalworking machines to make housings, fittings, and fixtures
- Inspect parts for surface defects
- Repair and calibrate hydraulic and pneumatic assemblies
- Test the performance of electro-mechanical assemblies, using test instruments
- Install electronic parts and hardware, using soldering equipment and hand tools
- Operate, test, or maintain robotic equipment
- Analyze and record test results, and prepare written documentation

(See reverse for more information.)

Contact us for more information!
704.922.2313
apprenticeships@gaston.edu



Gaston College
Opportunities For Life
www.gaston.edu

Electro-mechanical technicians install, repair, upgrade, and test electronic and computer-controlled mechanical systems. They combine knowledge of mechanical technology with knowledge of electrical and electronic circuits. They operate, test, and maintain unmanned, automated, robotic, or electromechanical equipment.

Electro-mechanical technicians install, maintain, and repair automated machinery and equipment in industrial settings.

Quick Facts: Electro-Mechanical Technicians

2017 Median Pay	\$56,740 per year \$27.28 per hour
Job Outlook, 2016-26	Increase of 4%

Data obtained from the US Bureau of Labor Statistics, published: April 2018
www.bls.gov/ooh/architecture-and-engineering/electro-mechanical-technicians.htm