



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.)

**For more information, contact
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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: Machinists

2015 Median Pay	\$53,340 per year \$25.65 per hour
Job Outlook, 2014-24	Increase of 1%

Data obtained from the US Bureau of Labor Statistics, published: December, 2015
<https://www.bls.gov/ooh/architecture-and-engineering/electro-mechanical-technicians.htm#tab-1>



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