

Maintenance Repair Technician



What They Do

A maintenance repair technician is responsible for keeping a facility operating and repairing problems when they are discovered. Maintenance Technicians will usually be called upon to perform a wide range of repair tasks and their skill sets may include electronics, mechanics, robotics, computer components and control instrumentation depending on the company and the amount of training and or education the technician has.

Job Duties

- Trouble shooting electrical problems such as a short or severed wire
- Trouble shooting mechanical problems on production equipment
- Cleaning sensitive electro-mechanical equipment
- Performing simple programming to automated equipment
- Checking the functioning of instrumentation controls
- Maintaining and troubleshooting HVAC equipment
- Miscellaneous maintenance functions
- Communicating daily with supervisors regarding immediate maintenance needs

Job Earnings

****NYS Department of Labor Statistics
(2019 Median Annual Salary)**

\$32,000 - \$34,000/year
Average Salary

**Up to \$80,000/year with
experience**

Education/Training

Entry level positions generally require non credit certificate based training or "on the job" experience in electronics and mechanics. In some cases, depending on the tasks the company requires, a two year or four year degree may be required. Training can begin in BOCES programs and depending upon the desire of the individual can be built upon through community college programs to four year degree institutions.

Job Outlook

The US Bureau of Labor Statistics projects that overall employment for Maintenance and Repair Technicians is projected to grow by 13% from 2019-2029, much faster than the average for all occupations.

Maintenance Repair Technician - Career Pathway

Ways to Start Preparing for Your Future Career TODAY!

1

Middle/High School Classes to Take:

- Science
- Mathematics
- Technology
- Introduction to Computers
- Computer Networking

2

Clubs/Extracurricular Activities:

- GCC Tech Wars (www.TechWarsGCCNY.org)
- FIRST Robotics Program (www.FirstInspires.org)
- Boy Scouts of America Explorer Program (www.Exploring.org)
- Young Dexter's STEAM Camp for Grades 6-8 (www.BEAGenesee.com)

3

Local BOCES/Career & Technical Education Programs:

- Genesee Valley BOCES (www.GVBOCES.org)
 - Automotive Technician (Batavia & Mt. Morris Campuses)
 - Building Trades (Batavia & Mt. Morris Campuses)
 - Computer Information Systems (Mt. Morris Campus Only)
 - Electro-Mechanical Trades (Batavia Campus Only)
 - Metal Trades - Precision Machining (Batavia & Mt. Morris Campuses)
- Monroe2-Orleans BOCES (www.Monroe2BOCES.org)
 - Automotive Technology
 - HVAC/Plumbing
 - Engineering and Metal Fabrication - Machining
 - Residential & Commercial Electrical
- Orleans-Niagara BOCES (www.ONBOCES.org)
 - Automotive Technology
 - Computer Technology
 - Electricity/Electronics
 - Heating/Ventilation/Air Conditioning and Refrigeration
- Finger Lakes Youth Apprenticeship (www.fingerlakesyouthapprenticeship.org)

4

Local Colleges/Training:

- Colleges:
 - Erie Community College (www.ECC.edu)
 - Genesee Community College (www.Genesee.edu)
 - Monroe Community College (www.MonroeCC.edu)
 - Rochester Institute of Technology (www.RIT.edu)
 - University at Buffalo (www.Buffalo.edu)
- Training Centers:
 - CNC Technical Solutions - Medina (www.CNCTS.com)