

MAINTENANCE TECHNICIAN





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<http://www.fusiongrant.org/educational.php>

Description:

A maintenance technician is responsible for repairing and maintaining machines, mechanical equipment, or the structure of an establishment in repair. The typical duties include pipe fitting, boiler making, insulating, welding, machining, carpentry; repairing barns, manure digesters and/or juice production machinery.

Median Wage (as of 2005):

\$32,570

Level of Education:

High School Diploma, on-the-job training

Job Outlook (through 2014):

9-17% increase in number of jobs

Examples of Colleges & Affiliated Programs:

Alfred State (SUNY)

Rochester Institute of Technology (RIT) – Manufacturing Leadership Master of Science; Manufacturing Engineering Technology

Finger Lakes Community College (FLCC) – Mechanical Design and Drafting; Engineering Science; Biotechnology; Environmental Sciences; Heavy Equipment

Wayne Finger Lakes BOCES – Horticulture; Electrical Trades

Cornell University – Electrical and Computer Engineering; Materials Science; Mechanical and Aerospace Engineering; Agribusiness; Applied Economics

Employers:

Private Sector – Infotonics Technology Center, Inc; Kodak, Inc.; PepsiCo; Christa Construction; Pactiv Corp.; Xerox, Inc.; CMP Advanced Mechanical Solutions; Farms; Construction Companies; Schools; Hospitals

Colleges & Universities – Rochester Institute of Technology (RIT); Cornell University; Massachusetts Institute of Technology (MIT)

State and Federal Governments – New York State Department of Transportation; New York State Department of Agriculture & Markets; United States Department of Homeland Security; Department of Defense; USDA Forest Service

High School/College Courses to Take:

Construction Trades
Mechanics, Technology
Physics
Engineering
Mathematics
Science (depending on equipment)



Cornell University