

Mechanical Engineering Technicians help mechanical engineers design, develop, test, and manufacture industrial machinery, consumer products, and other equipment. They may assist in product tests—by setting up instrumentation for auto crash tests, for example. They may make sketches and rough layouts, record data, make computations, analyze results, and write reports.

When planning production, mechanical engineering technicians prepare layouts and drawings of the assembly process and of parts to be manufactured. They estimate labor costs, equipment life, and plant space. Some test and inspect machines and equipment in manufacturing departments or work with engineers to eliminate production problems.

Mechanical Engineering Technologists convert materials and energy into objects and services needed by the public. For example they help create the heating, ventilation, and air-conditioning systems that make our homes and schools comfortable year-round as well as the power plants that we rely upon.

They also help develop the machines we depend upon in our daily lives, including automobiles, airplanes, trains, copying machines, and fax machines.

Positions are available in **power generation, manufacturing operations, project planning, production supervision, plant operations, quality assurance, reliability testing, and technical sales and services.**

Salary Information:

- Mechanical Technology, Associate in Applied Science
\$38,500 Median Salary (Follow-up Study, Monroe Community College Graduates, 2008)
- Mechanical Engineering Technician/Technologist
\$50,040 Median Salary (U.S. Bureau of Labor Statistics, 2008)
- ***Mechanical Technologists for the Rochester, New York area:***
\$47,000 Median Salary Range (Career One Stop, 2008)

[*Salary varies based on education/advanced degree, work-experience & setting/location]

Additional Information:

- Accreditation Board for Engineering and Technology: www.abet.org
- American Society of Mechanical Engineers: www.asme.org

