



# MECHANICAL ENGINEERING TECHNOLOGISTS AND TECHNICIANS

NOC 22301

May work independently or provide technical support related to the design, development and maintenance of equipment for heating and ventilating systems, power generating plants and manufacturing plants.



## 3-YEAR OUTLOOK



Limited

## 3-YEAR JOB OPENINGS

61

## MEDIAN HOURLY WAGE

\$28.50

\$22.50 \$46.00  
LOW HIGH

## TYPICALLY REQUIRED



College or apprenticeship

## EMPLOYED

565

## AVERAGE SALARY

\$75,200

The information presented is based on data for New Brunswick. To learn more about the data provided, visit [www.nbjobs.ca/occupations](http://www.nbjobs.ca/occupations).



### EMPLOYMENT BY INDUSTRY

<b>32.2%</b>	Professional, scientific and technical services
<b>28.7%</b>	Manufacturing
<b>9.2%</b>	Construction
<b>29.9%</b>	All Other Industries



### EMPLOYMENT BY AGE

<b>5.7%</b>	15-24
<b>27.6%</b>	25-34
<b>19.5%</b>	35-44
<b>21.8%</b>	45-54
<b>20.7%</b>	55-64
<b>4.6%</b>	65+

### ALSO KNOWN AS

- Aeronautical Technologist
- Heating Designer
- Heating, Ventilation And Air Conditioning (HVAC) Technologist
- Machine Designer
- Marine Engineering Technologist
- Mechanical Engineering Technician

### MAIN DUTIES:

- This group performs some or all of the following duties:
- Prepare and interpret conventional and computer-assisted design (CAD) engineering designs, drawings, and specifications for machines and components, power transmission systems, process piping, heating, ventilating and air conditioning systems
  - Prepare cost and material estimates, project schedules and reports
  - Conduct tests and analyses of machines, components and materials to determine their performance, strength, response to stress and other characteristics.

