

# MACHINIST



## JOB DESCRIPTION

**SET UP AND OPERATE A VARIETY OF MACHINE TOOLS TO PRODUCE PRECISION PARTS AND INSTRUMENTS.**

## **TASKS:**

- Machine parts to specifications using machine tools such as lathes, milling machines, shapers, or grinders.
- Lay out, measure, and mark metal stock to display placement of cuts.
- Monitor feed and speed of machines during the machining process.
- Select the appropriate tools, machines, and materials to be used in preparation of machinery work.
- Set up, adjust, and operate all of the basic machine tools and many specialized or advanced variation tools to perform precision machining operations.
- Calculate dimensions and tolerances using knowledge of mathematics and instruments such as micrometers and vernier calipers.

## **OCCUPATION STATISTICS:**

### **AVERAGE ANNUAL SALARY:**

#### **NATIONAL**

**ENTRY-LEVEL - \$23,600**

**MEDIAN - \$37,700**

**EXPERIENCED - \$57,300**

#### **PENNSYLVANIA**

**ENTRY-LEVEL - \$31,570**

**MEDIAN - \$36,710**

**EXPERIENCED - \$39,280**

### **PROJECTED JOB GROWTH:**

**NATIONAL - -5%**

**PENNSYLVANIA - +10%**

**SOURCES: [WWW.ONLINE.ONETCENTER.ORG](http://WWW.ONLINE.ONETCENTER.ORG)  
2010 WIA HPO LIST**

## **IS MACHING RIGHT FOR YOU?**

### **ARE YOU:**

- Mechanically Inclined?
- A perfectionist?
- Good in math?
- Able to visualize what parts will look like?
- Able to talk to a variety of people to get information you need?

**FOR MORE INFORMATION VISIT:**

