

# Manufacturing

There are thousands of challenging educational and training opportunities within the highly skilled world of Manufacturing. Learners need a solid background in math, science and technical skills. The Manufacturing cluster prepares learners for careers in planning, managing, and performing the processing of materials into intermediate or final products. Careers also include related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

Pathways include:

- **Production**
- **Manufacturing Production Process Development**
- **Maintenance, Installation & Repair**

Despite improvements in production technology and rising imports, manufacturing employment is expected to increase slightly as strong demand continues for high-tech electrical goods and pharmaceuticals.

## Additional Resources

### **Machinery Manufacturing**

Learn about the employment opportunities and job outlook for the manufacturing field.

<http://www.bls.gov/oco/cg/cgs052.htm>

### **Machinist**

A database of machinist careers and information on business related tasks.

<http://www.khake.com/page88.html>

### **Get Tech.org**

Explore careers in new manufacturing including Tool and Die.

<http://www.gettech.org/careers.asp?category=1>

### **Equipment Manufacturing**

Provides a guide to opportunities in the construction industry.

<http://www.constructmyfuture.com/>



# SkillsUSA

**Champions at Work**

The mission of SkillsUSA is to develop leadership skills and workplace competencies that students will need to succeed in a changing global workplace. The organization provides many opportunities for leadership development and skills training. Competition in over 70 leadership, occupationally related, and trade, industrial, and technical contests is offered at the region and state levels, culminating with the SkillsUSA Championships.

[www.skillsusa.org](http://www.skillsusa.org)  
[www.skillsusageorgia.org](http://www.skillsusageorgia.org)