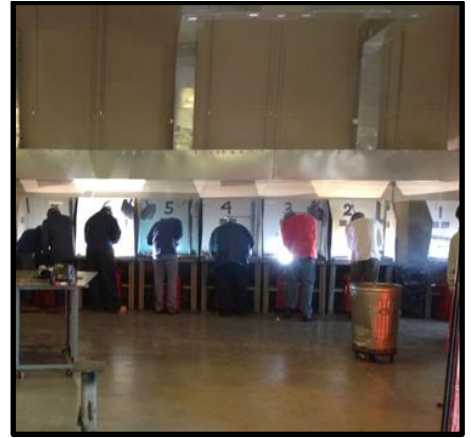


Principles of Manufacturing



Prerequisite: None

Course: 1809CT

Credits: 1

Length: 18 weeks

Placement: 9-12

Course Description

In Principles of Manufacturing, students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems. Knowledge and skills in the proper application of principles of manufacturing, the design of technology, the efficient production of technology, and the assessment of the effects of manufacturing production technology prepare students for success in the modern world. Students gain an understanding of career opportunities available in manufacturing and what employers require to gain and maintain employment in these careers.

Student Activities

Students will be instructed in the following areas:

- Shop safety
- Measurement
- Reading and interpreting working drawings
- Hand Tools – names and use
- Shielded Metal Arc Welding
- Cutting with an Oxy-Acetylene torch
- Working individually and in groups
- Power tools – names and use

Organizations/After School/Competition



SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce.