

# MANUFACTURING TECH 1

## ***Course Description***

*An introductory course focused on the world of manufacturing technology. Students will gain an understanding of how manufacturing technologies impact politics, the environment, society, and the economy. Students will develop a foundation in essential abilities and attitudes that will in turn expand their occupational opportunities in the manufacturing world.*

## **Strands**

1. Students will follow safety practices.
2. Students will develop an understanding of the cultural, social, economic, and political effects of technology, the effects of technology on the environment, the role of society in the development and use of technology, and the influence of technology on history.
3. Students will develop an understanding of and be able to select and use appropriate manufacturing technologies.
4. Students will define free enterprise and marketing as it relates to manufacturing.
5. Students will design and operate a mass-production system that creates a product of value.
6. Students will investigate the educational pathways and career opportunities in the manufacturing industry.

