

TECHNOLOGY EDUCATION CURRICULUM SUMMARY

The purpose of the Technology Education Curriculum Summary is to present an overview of the Manufacturing System Design curriculum. Parents are the intended audience of the Technology Education Curriculum Summary.

Manufacturing System Design
Identify common types of manufacturing systems
Apply procedures used to select and sequence production methods or processes.
Recognize and demonstrate various techniques used to engineer a manufacturing facility.
Understand and practice common materials handling methods.
Identify and use typical production control techniques and processes.
Convey and support principles and practices used in quality control.
Investigate and perform procedures used to install, test and operate manufacturing systems.
Describe and apply the fundamentals of robotics.
Explore and model the principles of computer controlled machining.