

Metals Technician ME31

Type

Technical Certificate of Credit

The Metals Technician TCC is a series of courses that prepare a student for general knowledge of maintenance and repair of machinery by combining machine shop courses with welding courses. A student will learn to operate lathes (lathe safety, threading, tapers, bearing shafts, etc.) and milling machines (indicating vises, cutting keyways, squaring parts, etc.) as well as basic welding theory, safety and operating procedures (hand tool and power machine use, measurement, welding power sources, welding codes and standards) and advanced techniques (set up; transfer modes; wire selection; shielded gas selection) required for successful gas metal arc welding.

Required Courses

Item #	Title	Credits
MCHT 1011	Introduction to Machine Tool	4
MCHT 1119	Lathe Operations I	4
MCHT 1120	Mill Operations I	4
WELD 1000	Introduction to Welding Technology	4
WELD 1090	Gas Metal Arc Welding	4
Minimum Credit Hours for Graduation		20