

# MAINTENANCE TECHNICIAN 1

## Overview

### Maintenance Technician 1 Technical Certificate

**Program Code: 40-462-CA**

Learn to maintain machines and keep the shop operating smoothly with maintenance fundamentals including electricity, stressing units, series and parallel circuits, magnetism, inductance, capacitance, generators, motors and basic AC circuits.

**The minimum required course grades and program grade point average (GPA) for students under this catalog are:**

*Core Courses = C*

*Program GPA = 2.0*

## Required Courses

Code	Title	Credits
<b>Core Courses</b>		
414-186	Industrial Electricity	2
420-130	Industrial Blueprint Reading 1	2
Approved Substitute: 457-110		
462-304	Industrial Safety	2
Approved Substitute: 462-104		
462-314	Basic Maintenance Tools	1
Approved Substitute: 462-350		
462-151	Mechanical Power Trans 1	3
<b>General Studies</b>		
804-310	Math for Industry	2
Add: 804-310 Math for Industry with Approved Substitutes: 804-107 OR 804-115 OR 804-116 OR 804-118 OR 804-195 OR 804-198 OR 804-305		
<b>Total Credits</b>		<b>12</b>