

**MORAINE PARK TECHNICAL COLLEGE  
PROGRAM OUTCOMES WORKSHEET  
2009-10**

**Program Name:** Industrial Maintenance Technician  
**Program Number:** 32-462-1  
**Required Exit Assessment:** Capstone Project

**Student Name:**  
**MPTC Student ID #:**

<b>Program Learning Outcomes</b>	
Diagnose, service and repair machinery and automated manufacturing equipment.	
442-313 <i>General Welding</i>	Comprehensive Project
462-301 <i>DC/AC Electricity</i>	
462-303 <i>Introduction to Hydraulics/Pneumatics</i>	
462-305 <i>Mechanical Skills for Technicians</i>	
462-309 <i>Industrial Control Systems</i>	
462-311 <i>Machine and Equipment Installation</i>	
462-313 <i>Blueprint/Schematic Reading</i>	
462-315 <i>Microprocessor Applications</i>	
462-317 <i>Preventative/Predictive Maintenance</i>	
462-319 <i>Programmable Logic Controllers</i>	
462-321 <i>Power Transmission Systems</i>	
462-323 <i>Semi-Conductors and Digital Electronics</i>	
462-325 <i>Robotics/Material Handling Operations</i>	
462-327 <i>Electro-Hydraulic/Mechanical Systems</i>	
462-329 <i>Capstone Project</i>	
Display an ability to work safely and effectively as individuals and as members of a cooperative team.	
442-313 <i>General Welding</i>	Comprehensive Project
462-301 <i>DC/AC Electricity</i>	
462-303 <i>Introduction to Hydraulics/Pneumatics</i>	
462-305 <i>Mechanical Skills for Technicians</i>	
462-309 <i>Industrial Control Systems</i>	
462-311 <i>Machine and Equipment Installation</i>	
462-313 <i>Blueprint/Schematic Reading</i>	
462-315 <i>Microprocessor Applications</i>	
462-317 <i>Preventative/Predictive Maintenance</i>	
462-319 <i>Programmable Logic Controllers</i>	
462-321 <i>Power Transmission Systems</i>	
462-323 <i>Semi-Conductors and Digital Electronics</i>	
462-325 <i>Robotics/Material Handling Operations</i>	
462-327 <i>Electro-Hydraulic/Mechanical Systems</i>	
462-329 <i>Capstone Project</i>	
continued	

**Program Learning Outcomes (continued)**

Install, maintain and troubleshoot electrical control systems to include robotics, vision systems, drives, and communication devices.

442-313	<i>General Welding</i>	Comprehensive Computer Project
462-301	<i>DC/AC Electricity</i>	
462-303	<i>Introduction to Hydraulics/Pneumatics</i>	
462-305	<i>Mechanical Skills for Technicians</i>	
462-309	<i>Industrial Control Systems</i>	
462-311	<i>Machine and Equipment Installation</i>	
462-313	<i>Blueprint/Schematic Reading</i>	
462-315	<i>Microprocessor Applications</i>	
462-317	<i>Preventative/Predictive Maintenance</i>	
462-319	<i>Programmable Logic Controllers</i>	
462-321	<i>Power Transmission Systems</i>	
462-323	<i>Semi-Conductors and Digital Electronics</i>	
462-325	<i>Robotics/Material Handling Operations</i>	
462-327	<i>Electro-Hydraulic/Mechanical Systems</i>	
462-329	<i>Capstone Project</i>	