

**MORAINE PARK TECHNICAL COLLEGE
PROGRAM OUTCOMES WORKSHEET
2008-2009**

Program Name: Engine Research and Development Technician
Program Number: 10-602-2
Required Exit Assessment: Engine Testing & Engine Problems Report

Student Name:
MPTC Six-Digit Student ID #:
Semester of Program Acceptance:

Program Learning Outcomes					
Complete the assembly and disassembly processes for small internal combustion engines.					
602-164 Engine Fundamentals	Engine Testing				
602-168 Engine Testing & Testing Equipment	Comprehensive Report				
Develop plans and procedures for engine modification.					
420-131 Machining, Principles of	Engine Testing				
602-168 Engine Testing & Testing Equipment	Comprehensive Report				
602-170 Engine Problems					
623-162 Manufacturing Processes 1	Engine Problems				
623-163 Manufacturing Processes 2	Report				
Evaluate engine and drive train components.					
602-164 Engine Fundamentals	Engine Testing				
602-168 Engine Testing & Testing Equipment	Comprehensive Report				
602-172 Transmission of Power					
Evaluate engine performance.					
602-168 Engine Testing & Testing Equipment	Engine Testing Report				
602-169 Engine Emission Testing and Controls	Comprehensive Report				
Prepare professional report(s).					
602-168 Engine Testing & Testing Equipment	Engine Problems				
602-170 Engine Problems	Report				
Operate advanced engine evaluation equipment.					
602-169 Engine Emission Testing and Controls	Engine Testing Report				
602-150 Electronics and Instrumentation	Comprehensive Report				
602-170 Engine Problems					
602-155 Ignition Fuels and Combustion	Engine Problem				
602-168 Engine Testing & Testing Equipment	Reports				
Core Abilities					
890-125 Student Success AND	Core Ability Inventory				
890-130 Career Development	Core Ability Inventory and Self-assessment Reflection				
	AND Reflection essay "How I've Changed: Then and Now"				