

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

Program Name: Engine Research and Development Technician
Program Number: 10-606-5
Required DML: Capstone Projects

Student Name:
MPTC Student ID #:

Program Learning Outcomes					
Complete the assembly and disassembly processes for small internal combustion engines.					
606-164 Engine Fundamentals	Engine Testing				
606-168 Engine Testing & Testing Equipment	Comprehensive Report				
Develop plans and procedures for engine modification.					
628-135 Machining, Principles of	Engine Testing				
606-168 Engine Testing & Testing Equipment	Comprehensive Report				
606-173 Engine Problems					
623-162 Manufacturing Processes 1	Engine Problems				
623-163 Manufacturing Processes 2	Report				
Evaluate engine and drive train components.					
606-164 Engine Fundamentals	Engine Testing				
606-168 Engine Testing & Testing Equipment	Comprehensive Report				
606-174 Transmission of Power					
Evaluate engine performance.					
606-168 Engine Testing & Testing Equipment	Engine Testing Report				
606-169 Engine Emission Testing and Controls	Comprehensive Report				
Prepare professional report(s).					
606-168 Engine Testing & Testing Equipment	Engine Problems				
606-173 Engine Problems	Report				
Operate advanced engine evaluation equipment.					
606-169 Engine Emission Testing and Controls	Engine Testing Report				
606-150 Electronics and Instrumentation	Comprehensive Report				
606-173 Engine Problems					
606-155 Ignition Fuels and Combustion	Engine Problem				
606-168 Engine Testing & Testing Equipment	Reports				

		ARTIFACT			
		A	B	C	D
		Work Sample Linked to Outcome	Reflection Statement	Transcript Used	Verified
	Contact Course Instructor If No Artifact Is Listed In This Column Suggested Work Sample from Performance Asmt				
Core Abilities					
<i>890-125 Student Success AND</i>		Core Ability Inventory			
<i>890-130 Career Development</i>		Core Ability Inventory and Self-assessment Reflection AND Reflection essay "How I've Changed: Then and Now"			

LEARNER:

I understand that this assessment portfolio will be evaluated by educators and advisory committees and becomes the property of Moraine Park Technical College.

The contents of this portfolio
 _____ **MAY** _____ **MAY NOT** _____
 be displayed to other students and the general public.

VERIFIER:

After verification is complete, forward portfolio to the **Outcome Assessment Office.**

Signature of Learner

Date

Signature of Verifier

Date