

**Program Outcomes Worksheet
2008-09**

Program Name: Engine Technology (Engine Research and Development Technician)
Program Number: 10-602-2
Required DML: Engine Testing & Engine Problems Report

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

EXIT LEARNING OUTCOMES				
Program Learner Outcomes				
Complete the assembly and disassembly processes for small internal combustion engines. <i>602-164 Engine Fundamentals</i>	Engine Testing	Comprehensive Report *		
<i>602-168 Engine Testing & Testing Equipment</i>				
Develop plans and procedures for engine modification. <i>420-131 Machining, Principles of</i>	"			
<i>602-168 Engine Testing & Testing Equipment</i>	Engine Performance			
<i>602-170 Engine Problems</i>				
<i>623-162 Manufacturing Processes 1</i>				
<i>623-163 Manufacturing Processes 2</i>				
	Comprehensive Report			
Evaluate engine and drivetrain components. <i>602-164 Engine Fundamentals</i>	"			
<i>602-168 Engine Testing & Testing Equipment</i>				
<i>602-172 Transmission of Power</i>				
Evaluate engine performance. <i>602-168 Engine Testing & Testing Equipment</i>	Engine Problems	Comprehensive Report *		
<i>602-169 Engine Emission Testing and Controls</i>				
Prepare professional report(s). <i>602-168 Engine Testing & Testing Equipment</i>	"			
<i>602-170 Engine Problems</i>	Engine Performance			
Operate advanced engine evaluation equipment. <i>602-169 Engine Emission Testing and Controls</i>	"			
<i>602-150 Electronics and Instrumentation</i>				
<i>602-170 Engine Problems</i>	Engine Performance			
<i>602-155 Ignition Fuels and Combustion</i>	* These two reports			
<i>602-168 Engine Testing & Testing Equipment</i>	cover all outcomes			
Core Abilities				
Complete a Core Abilities self-assessment reflection. <i>890-125 Student Success</i>				
Complete reflection essays on Core Abilities and Occupational Skills development. <i>890-130 Career Development</i>				