

Program Name: Engine Technology
Program Number: 10-602-2
Required DML: Portfolio/Artifacts

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

***Choose only 1 or 2 artifacts per Learner Outcome to include in Assessment Portfolio.**

Directions: Your completed Assessment Portfolio is a requirement for graduation. Use this Worksheet as you gather artifacts for the required Direct Measures of Learning (DML) in your program. Use columns A and B to enter dates or titles of work that show evidence of your skills and abilities. In column C; use the following key to document the type(s) of evidence you will use to demonstrate growth and/or progress: 1 = Artifact from other coursework, 2 = Integrated in reflection, 3 = Draft or first effort at required DML, 4 = Other (specify). **Note:** These criteria will be used to verify your portfolio at the time of graduation.

	A	B	C
Contact Course Instructor If No Artifact Is Listed In This Column. SUGGESTED ARTIFACT*	Artifact Linked to Outcome	Reflection Statement	Evidence of Growth/Progress
EXIT LEARNING OUTCOMES			
Program Learner Outcomes			
Complete the assembly and disassembly processes for small internal combustion engines. <i>602-164 Engine Fundamentals</i> <i>602-168 Engine Testing & Testing Equipment</i>	Engine Testing Comprehensive Report *		
Develop plans and procedures for engine modification. <i>420-131 Machining, Principles of</i> <i>602-168 Engine Testing & Testing Equipment</i> <i>602-170 Engine Problems</i> <i>623-162 Manufacturing Processes 1</i> <i>623-163 Manufacturing Processes 2</i>	"		
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> <i>602-169 Engine Emission Testing and Controls</i>	Engine Problems Comprehensive Report *		
Prepare professional report(s). <i>602-168 Engine Testing & Testing Equipment</i> <i>602-170 Engine Problems</i>	"		
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> <i>602-155 Ignition Fuels and Combustion</i> <i>602-168 Engine Testing & Testing Equipment</i>	"		
	* These two reports cover all outcomes		

Core Abilities	Indicate	Inventory	and/or	Integrated in Reflections				
Work Cooperatively								
	<i>Complete assigned tasks for team/group work.</i>							
	<i>Use collaborative strategies to complete tasks.</i>							
	<i>Exchange information, ideas, and opinions in a team/group setting.</i>							
	<i>Show evidence of respect for diversity.</i>							
Act Responsibly								
	<i>Complete assigned tasks according to prescribed deadlines.</i>							
	<i>Complete assigned tasks according to prescribed criteria.</i>							
	<i>Adhere to established attendance criteria.</i>							
Value Self Positively								
	<i>Adapt hygiene and appearance to requirements of work and educational environment.</i>							
	<i>Identify personal strengths and areas for improvement.</i>							
	<i>Exchange information, ideas, and opinions in a team/group setting.</i>							
	<i>Show evidence of respect for diversity.</i>							
Think Critically and Creatively								
	<i>Distinguish between fact and opinion.</i>							
	<i>Synthesize information from a variety of sources.</i>							
	<i>Use problem-solving and decision-making strategies.</i>							
	<i>Apply global perspective to decisions and actions.</i>							
Communicate Clearly								
	<i>Use bias-free language.</i>							
	<i>Use language that is free of obscenities.</i>							
	<i>Apply listening skills.</i>							
	<i>Apply standard rules of language structure including grammar, spelling, and punctuation.</i>							
Work Productively								
	<i>Complete assigned tasks according to established conditions.</i>							
	<i>Evaluate work using established criteria.</i>							
Learn Effectively								
	<i>Use resources to meet learning needs.</i>							
	<i>Organize information.</i>							
	<i>Produce evidence of learning.</i>							