

Your assessment portfolio will be evaluated by educators and advisory committees and becomes the property of Moraine Park Technical College.

Program Name: CNC Track
Program Number: 32-444-2
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			
Determine the effects of material type on machining. <i>439-397 Metallurgy</i>			
Interpret part drawings. <i>439-398 Mold and Die Print Reading</i>			
Measure precision parts. <i>444-333 Basics of Metrology</i>			
Operate CADD systems. <i>444-345 Design for 3D Machining</i>			
Operate CAM systems. <i>444-340 Computer Aided Machining 2D - Part B</i> <i>444-341 Computer Aided Machining 3D</i>			
Operate computer numerical control machine tools. <i>444-360 Machining Center Operation</i> <i>444-370 Turning Center Operation</i> <i>444-380 EDM and Non-Conventional Machining</i>			
Operate conventional machine tools. <i>444-310 Machine Technology</i>			
Program computer numerical control machine tools. <i>444-310 Machine Technology</i> <i>444-351 Machining Center Programming</i> <i>444-333 Basics of Metrology</i> <i>444-370 Turning Center Operation</i> <i>444-380 EDM and Non-Conventional Machining</i>			
Set up computer numerical control machine tools. <i>444-360 Machining Center Operation</i> <i>444-370 Turning Center Operation</i> <i>444-380 EDM and Non-Conventional Machining</i>			

Courses (cont.)	Suggested Artifact	Artifact Linked to Outcome	Reflection Statement	Evidence of Growth/Progress
Build Jigs and Fixtures				
439-304 Build Jigs and Fixtures				
General Education Learner Outcomes				
Apply organizational and stylistic strategies to fit subject, audience, and purpose in communication.				
801-310 Occupational Communications				
Determine mathematical concepts needed to solve an application.				
804-360 Occupational Math 1				
804-361 Occupational Math 2				
804-362 Occupational Math 3				
Evaluate content, organization, supporting materials, credibility, and style of communication for decision-making.				
801-310 Occupational Communications				
809-300 Occupational Success Strategies				
Evaluate political, social, and scientific views on scientific topics.				
806-194 Contemporary Issues in Science				
Perform mathematical calculations.				
804-360 Occupational Math 1				
804-361 Occupational Math 2				
804-362 Occupational Math 3				
Elective OR Other Courses (course number and title)				
Core Abilities Indicate <input type="checkbox"/> Inventory and/or <input type="checkbox"/> 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>				

Core Abilities (cont.)	Suggested Artifact	Artifact Linked to Outcome	Reflection Statement	Evidence of Growth/ Progress
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>				